

# The impact of COVID-19 on global health journals: an analysis of impact factor and publication trends

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## ABSTRACT

**Background** COVID-19 has affected research productivity across all areas of knowledge. Current evidence suggests that COVID-19 has had a blockbuster effect on journal impact factors (JIFs) and publication trends, while little is known on global health journals.

**Methods** Twenty global health journals were included to analyse the impact of COVID-19 on their JIFs and publication trends. Indicator data, including numbers of publications, citations, articles with different types, etc, were extracted from journal websites and Web of Science Core Collection database. The JIFs from 2019 to 2021 were simulated for longitudinal and cross-sectional analyses. Interrupted time-series analysis and non-parametric tests were applied to assess whether COVID-19 had decreased non-COVID-19 publications from January 2018 to June 2022.

**Results** In 2020, 615 out of 3223 publications were COVID-19 related, accounting for 19.08%. The simulated JIFs of 17 out of 20 journals in 2021 were higher than those in 2019 and 2020. Notably, 18 out of 20 journals had a decrease in their simulated JIFs after excluding COVID-19-related publications. Moreover, 10 out of 20 journals decreased their monthly numbers of non-COVID-19 publications after the COVID-19 outbreak. For all the 20 journals as a whole, after the COVID-19 outbreak in February 2020, the total number of non-COVID-19 publications significantly decreased by 14.2 compared with the previous month ( $p=0.013$ ), and since then, on average, the publications had decreased by 0.6 per month until June 2022 ( $p<0.001$ ).

**Conclusions** COVID-19 has impacted the structure of COVID-19-related publications, the JIFs of global health journals and their numbers of non-COVID-19 publications. Although journals may benefit from increased JIFs, global health journals should avoid relying on a single metric. More follow-up studies including more years of data with a combination of metrics should be conducted to generate more robust evidence.

## INTRODUCTION

The COVID-19 outbreak, caused by SARS-CoV-2, has resulted in extensive impact globally. Scientific research in almost all disciplines has been undertaken to address the global

## WHAT IS ALREADY KNOWN ON THIS TOPIC

- ⇒ Global health journals have played a special role in disseminating global health research, and COVID-19 is undoubtedly one of the most challenging global health issues.
- ⇒ COVID-19 has a significant impact on journal impact factors (JIFs) and publication numbers of infectious and medical journals.

## WHAT THIS STUDY ADDS

- ⇒ COVID-19 has impacted the structure of publication types of global health journals; in particular, COVID-19-related editorial materials and letters published in 2020 accounted for a higher proportion of publications than that of non-COVID-19 editorial materials and letters.
- ⇒ Most global health journals have benefited from a higher JIF driven by publishing COVID-19-related articles.
- ⇒ For most global health journals, COVID-19-related publications are found to have a squeezing effect on non-COVID-19 publications.

## HOW THIS STUDY MIGHT AFFECT RESEARCH, PRACTICE OR POLICY

- ⇒ Global health journals should not rely too much on the improvement of single metrics like JIF for journal development.
- ⇒ In future pandemic outbreak setting, global health journals should balance publication structure and numbers of pandemic and non-pandemic-related publications.

pandemic challenge.<sup>1–3</sup> In particular, health-care services experienced severe stresses and shortages that may have necessitated academic research for solutions, and demand for research around medications and vaccines against COVID-19 intensified.<sup>4–7</sup> Besides, due to the interruption of fieldwork and laboratory experiments, many researchers were able to spend more time finishing their manuscripts.<sup>8</sup> As a result, research productivity across all areas of knowledge has been generated and poured into international journals

in the form of COVID-19-related publications. From 1 January to 31 December 2020, a total of 53 348 publications from Scopus database focused on seven major research domains related to COVID-19: vaccination, diagnosis, treatment, symptoms, risk factors, nutrition and economy.<sup>9</sup> A subsequent explosion of related international research collaboration and articles was observed as well in the first months of the COVID-19 pandemic.<sup>10</sup> As of 28 June 2022, a total of 75 724 publications using 'COVID-19' and 'medical research' as keywords in all fields were extracted from Web of Science (WoS) database. Current literature has announced that COVID-19 may have led to decreased number of non-COVID-19 publications and reduced funds on traditional health research.<sup>11 12</sup> However, the trend of non-COVID-19 publications in international journals before and after the COVID-19 outbreak is poorly understood. Moreover, it is unknown whether the number of non-COVID-19 publications has been consistently decreasing in all types of journals.

The growth in the number of COVID-19-related publications may have a blockbuster effect on journal impact factors (JIFs) yearly released by Clarivate. The JIF is a ratio between the number of citations received in a given year by documents published in a journal during the 2 previous years, divided by the number of citable items published in that journal over the 2 previous years.<sup>13</sup> As a quantitative indicator, it is widely used to evaluate a journal's impact.<sup>14</sup> Two key factors affecting the magnitude of JIF are the number of publications and citations according to the calculation formula.<sup>15</sup> Impressively, until 28 June 2022, the number of citations for a retrospective cohort study on clinical course and risk factors associated with mortality among adults with COVID-19 in Wuhan conducted by Zhou *et al* and published in *Lancet* was 13 049.<sup>16</sup> On the same date, the 2021 Journal Citation Reports (JCR) reported the new JIFs for almost 13 000 journals. Notably, the JIF of *Lancet* sharply increased from 79.323 in 2020 to 202.731 in 2021, which might be due to a surge of highly cited COVID-19-related publications. Therefore, it is necessary to explore what the JIFs of journals would look like if no COVID-19-related publications were published.

Several studies have been conducted to assess the impact of COVID-19 on the number of non-COVID-19 publications in areas such as pathology, clinical research and ophthalmology.<sup>17–20</sup> The influence on increasing JIFs due to COVID-19 has been documented in some infectious disease journals and medical journals of highest rank or even beyond.<sup>11 21–23</sup> It is noted that global health research initiatives have been increasing for the last two decades.<sup>24</sup> As global health journals play a paramount role in disseminating specific global health research, a number of COVID-19-related publications have been published since early 2020. This, however, may have an impact on JIFs and the number of non-COVID-19 publications, and little evidence is known about the situation among global health journals. Hence, the purpose of this

study is to explore the exact impact of COVID-19 on JIFs and publication trends of global health journals.

## METHODS

### Study design

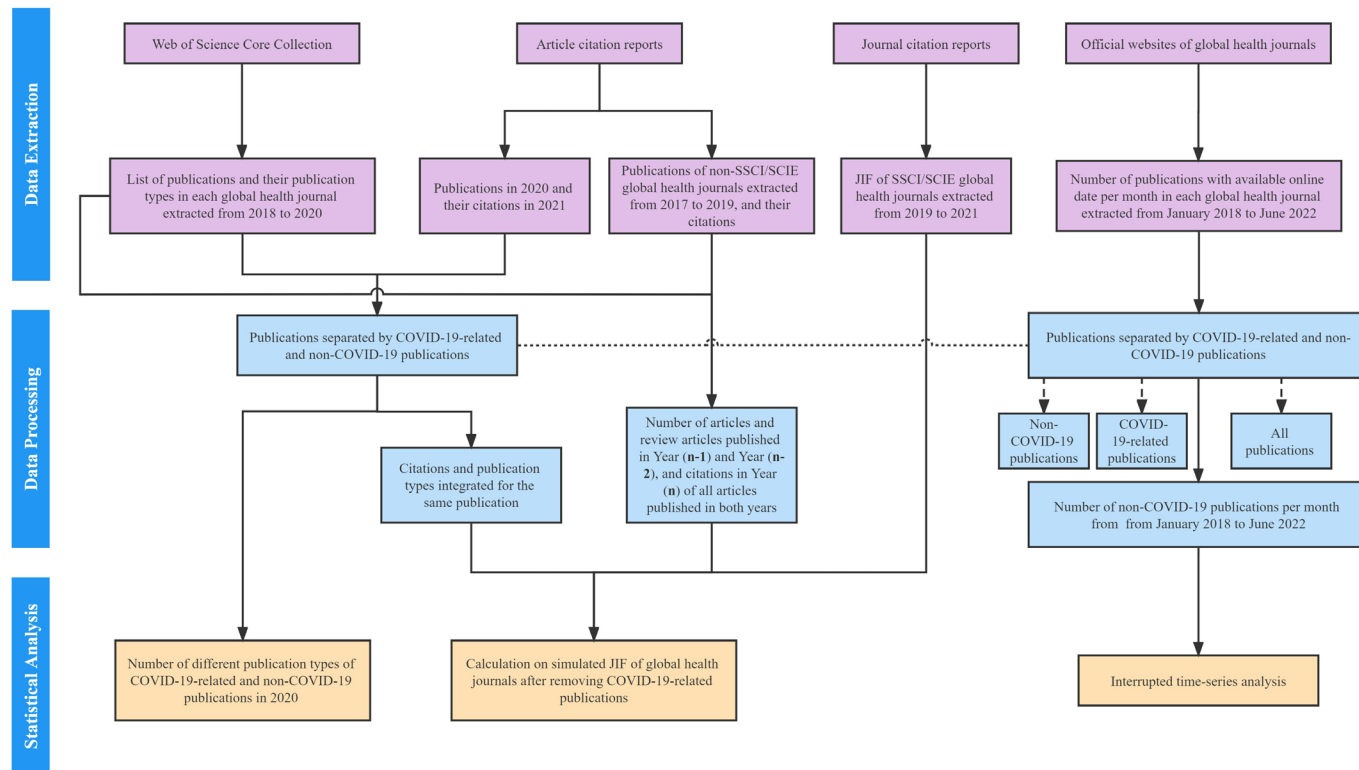
In this study, JIFs and publication numbers were selected as the main indicators to assess the impact of COVID-19 on global health journals. We chose global health journals that were included in the WoS Core Collection database to make up our study sample. Two types of simulated JIFs were generated. First, since some journals may not acquire a formal JIF in any of the years 2019–2021, the JIFs in 2019–2021 of the selected journals were all simulated based on WoS formula for a longitudinal analysis. Second, all their new JIFs in 2021 were recalculated after excluding COVID-19-related publications for a cross-sectional analysis. Besides, an interrupted time-series analysis (ITSA)<sup>25</sup> was applied to analyse data from January 2018 to June 2022 for assessing whether COVID-19 had decreased the number of non-COVID-19 publications monthly. As COVID-19-related publications first appeared in global health journals in February 2020,<sup>26 27</sup> and that the WHO declared COVID-19 as a public health emergency of international concern in 30 January 2020,<sup>28</sup> we set February 2020 as the starting point of the intervention (the COVID-19 outbreak). ITSA was conducted among non-COVID-19 publications on two levels: the aggregate publications of all the selected journals and the publications for each individual journal. Our analysis framework is shown in [figure 1](#).

### Global health journal selection criteria

The list of global health journals was extracted from two resources. First, we conducted the search by using 'global health' as a keyword in JCR to get relevant journals on 28 June 2022. Second, we adopted the lists of global health journals reported in two studies by *Lancet Global Health* and *BMJ Global Health*, both of which are leading global health journals.<sup>24 29</sup> A journal was removed if it is not an Emerging Sources Citation Index or SSCI (Social Sciences Citation Index) or SCIE (Science Citation Index Expanded) journal, or it ceased to exist after the year of 2019. The selection process is shown in [figure 2](#). In total, 20 journals were included in our analysis: *Annals of Global Health*, *BMJ Global Health*, *Bulletin of the World Health Organization*, *Clinical Epidemiology and Global Health*, *Global Health Action*, *Global Health Epidemiology and Genomics*, *Global Health Promotion*, *Global Health Research and Policy*, *Global Health-Science and Practice*, *Global Mental Health*, *Global Public Health*, *Globalization and Health*, *International Health*, *International Journal of Health Science (IJHS)*, *Journal of Epidemiology and Global Health*, *Journal of Global Health*, *Lancet Global Health*, *Lancet Planetary Health*, *Pathogens and Global Health*, *Tropical Medicine & International Health*.

### Indicators

The primary indicators were the JIFs and the monthly numbers of non-COVID-19 publications. According



**Figure 1** The analysis framework for JIFs and non-COVID-19 publications of global health journals. JIF, journal impact factor; SCIE, Science Citation Index Expanded; SSCI, Social Sciences Citation Index.

to the calculation formula,<sup>15</sup> citable publications are restricted to articles and review articles in the denominator by document type. In order to simulate the JIFs, the number of articles, reviews articles and citations for publications needed to be extracted from WoS citation reports. As for the non-COVID-19 publications, we distinguished them from COVID-19-related publications by title. Accordingly, the monthly numbers of overall publications and COVID-19-related publications were included in our study as well.

$$JIF = \frac{\text{Citations in JCR Year (n) to publications published in Year (n-2)+Year (n-1)}}{\text{Number of citable publications in Year (n-2)+Year (n-1)}}$$

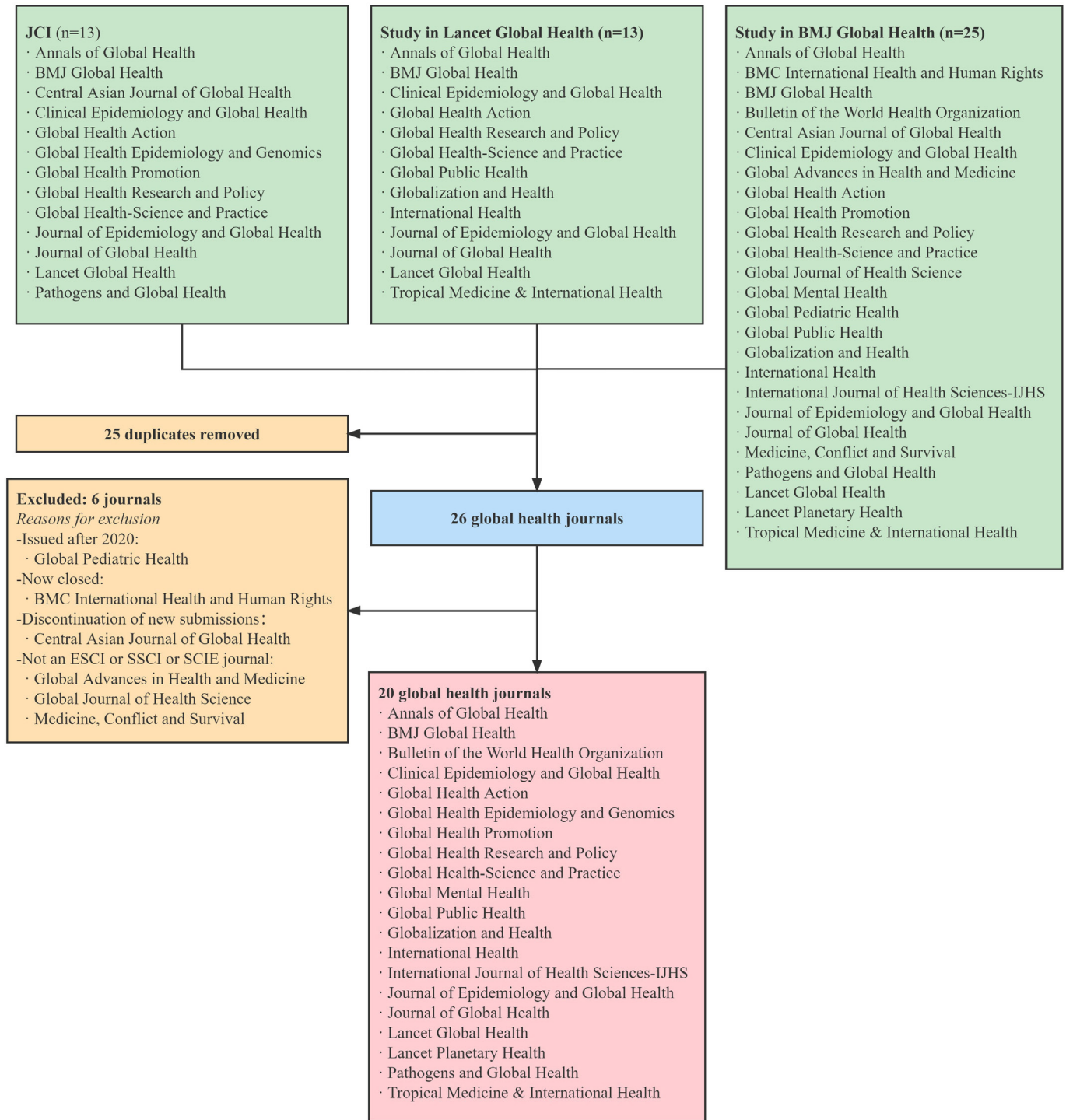
### Data extraction

The data in our study were extracted from three website resources in WoS database, including JCR, Citation Reports, and WoS Core Collection and journal websites. The journal characteristics and their actual JIFs from 2019 to 2021 were extracted from JCR. The number of citations for publications was extracted from Citation Reports by two independent researchers (JXH and MLZ). The list of publications by title, publication type, the number of articles and the number of review articles during January 2018–June 2022 were extracted from WoS Core Collection and journal websites by three independent researchers (JXH, XLL and MLZ). Publications were categorised into article, review article, editorial material, letter, meeting abstract, book review, news item and correction. All publications were screened according to their titles, abstracts and full texts by three researchers

independently (JXH, XLL and MLZ) to differentiate the COVID-19-related and non-COVID-19 publications. Specifically, we extracted the published online date for each publication from each journal website. For each publication, the publication type was extracted to demonstrate the distribution of COVID-19-related and non-COVID-19 publications. To ensure the quality and accuracy of the extracted publications, an additional cross-check was conducted by JXH, XLL and MLZ by randomly selecting 20% of all the publications.

### Statistical analysis

Descriptive statistics included the constituent ratio of publication types of COVID-19-related and non-COVID-19 publications in 2020, the number of monthly non-COVID-19 publications before (January 2018–January 2020) and after (February 2020–June 2022) the COVID-19 outbreak, the monthly COVID-19-related publications and overall publications after (February 2020–June 2022) the COVID-19 outbreak, which were presented as median (IQR). The difference in simulated JIFs between each journal with and without COVID-19-related publications, and the changes of the simulated JIFs from 2019 to 2021, whether the COVID-19-related publications exist or not in 2020, were further considered as descriptive statistics and presented as percentages. Non-parametric test (Mann-Whitney U test) was used to compare the changes of the monthly number of non-COVID-19 publications before and after the COVID-19



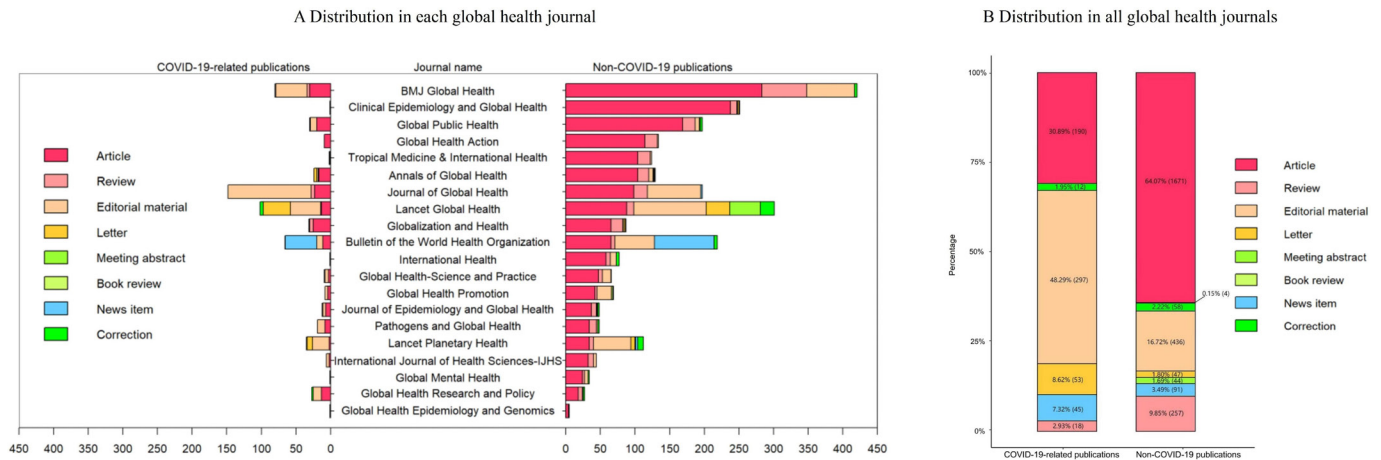
**Figure 2** Selection process of global health journals. ESCI, Emerging Sources Citation Index; JCI, Journal Citation Index; SCIE, Science Citation Index Expanded; SSCI, Social Sciences Citation Index.

outbreak. ITSA with ordinary least squares segmented liner regression was used to estimate slope change before and after the COVID-19 outbreak and the level of change at the intervention of the outbreak to assess the impact of COVID-19 on non-COVID-19 publications.<sup>30</sup> We used the Cumby-Huizinga general test and autocorrelation plots (up to lag order=6) to assess for autocorrelation and Newey-West SEs to account for autocorrelation. STATA V.14 was used to conduct the ITSA. The simulation of

JIFs was manually conducted in Excel 2016 by two independent researchers (JXH and MLZ) to ensure accuracy. The STATA code and extracted raw data are presented in online supplemental appendices 1 and 2.

**RESULTS**

The characteristics of the included 20 global health journals are summarised in online supplemental table 1. The



**Figure 3** Distribution for different publication types of COVID-19-related and non-COVID-19 publications in global health journals in 2020: (A) distribution in each global health journal, (B) distribution in all global health journals.

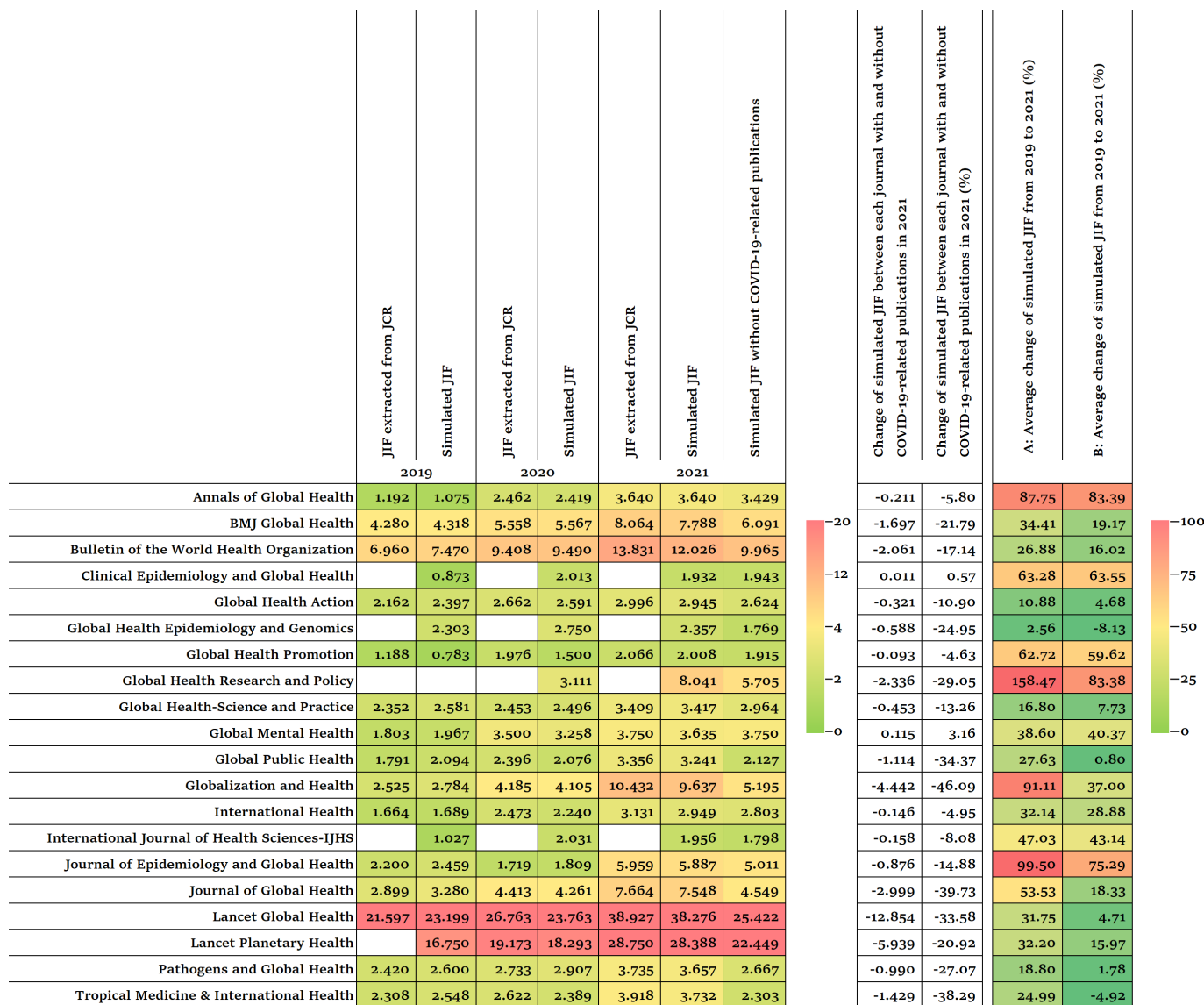
year to launch the first issue among these journals varied, with the earliest in 1907 (*Pathogens and Global Health*) and the latest in 2017 (*Lancet Planetary Health*). The majority of these journals were SSCI/SCIE (16 out of 20) and founded in developed countries (17 out of 20). First electronic JCR year of each global health journal showed huge time span, and six journals obtained their JCR in 2020. Total citations from 2021 also differed substantially among them, and *Lancet Global Health* (22 156 times) had the highest citations, followed by *Bulletin of the World Health Organization* (21 791 times) and *BMJ Global Health* (9641 times). In terms of article processing charge (APC), four global health journals (*Bulletin of the World Health Organization*, *Global Health Research and Policy*, *Global Health-Science and Practice*, and *Pathogens and Global Health*) charged no APC, and the remaining ones charged between \$30 (*IJHS*) and \$5500 (*Lancet Global Health* and *Lancet Planetary Health*).

In 2020, the total number of COVID-19-related publications was 615 (19.08%) and the number of non-COVID-19 ones was 2608 (80.92%). **Figure 3A,B** demonstrates the distribution of COVID-19-related and non-COVID-19 publications in 2020 according to publication type, which is associated with the simulated JIFs in 2021. Obviously, regarding the publication type distribution of COVID-19-related publications (**figure 3A**), the proportion of ‘editorial material’ and ‘letter’ types was higher in *BMJ Global Health*, *Journal of Global Health*, *Lancet Global Health* and *Lancet Planetary Health* than that of ‘article’ type. However, the proportion of ‘article’ type was higher than that of ‘editorial material’ and ‘letter’ types in *Globalization and Health*. Compared with the non-COVID-19 publications in all journals (**figure 3B**), 350 COVID-19-related editorial materials and letters were published in 2020, accounting for 56.91% of the overall publications. It was much higher than that for non-COVID-19 publications (18.52%).

As presented in **figure 4**, for the SSCI/SCIE journals, the actual JIFs extracted from JCR (17 out of 20) were mostly higher than our simulated JIFs from 2019 to 2021.

The trends of the actual and simulated JIFs were mostly (17 out of 20) ascending from 2019 to 2021. Compared with the simulated JIFs with COVID-19-related publications, the simulated JIFs without COVID-19-related publications were classified into four categories: JIFs decreased by more than 20% (*BMJ Global Health*, *Global Health Epidemiology and Genomics*, *Global Health Research and Policy*, *Global Public Health*, *Globalization and Health*, *Journal of Global Health*, *Lancet Global Health*, *Lancet Planetary Health*, *Pathogens and Global Health*, and *Tropical Medicine & International Health*); JIFs decreased by 10%–20% (*Bulletin of the World Health Organization*, *Global Health Action*, *Global Health-Science and Practice*, and *Journal of Epidemiology and Global Health*); JIFs decreased by less than 10% (*Annals of Global Health*, *Global Health Promotion*, *International Health* and *IJHS*); and JIFs increased by less than 5% (*Clinical Epidemiology and Global Health* and *Global Mental Health*). Especially, the change of the simulated JIFs of *Globalization and Health* was the highest (–4.442% to –46.09%), followed by *Journal of Global Health* (–2.999% to –39.73%), *Tropical Medicine & International Health* (–1.429% to –38.29%) and *Lancet Global Health* (–12.854% to –33.58%). The average change of the simulated JIFs, considering whether the COVID-19-related publications existed or not in 2020, fluctuated the most for *Globalization and Health*, which had the highest change from 91.11% to 37.00%, followed by *Journal of Global Health*, which changed from 53.53% to 18.33%.

**Table 1** shows that generally, the overall monthly number of non-COVID-19 publications for all the included journals increased slightly by one publication (from 172 to 173) before and after the COVID-19 outbreak. Moreover, the average monthly numbers of COVID-19-related publications and overall publications after the COVID-19 outbreak were 58 and 230, respectively. Four journals, namely *Annals of Global Health Journal*, *Global Health Action*, *Global Health Promotion*, and *Globalization and Health*, kept the constant monthly number of non-COVID-19 publications before and after the COVID-19 outbreak. According to the monthly number of overall publications among the



**Figure 4** JIF extracted from JCR, simulated JIF and simulated JIF without COVID-19-related publications for each global health journal from 2019 to 2021 JCR year. ESCI journals do not have actual JIFs from JCR and they are blank in the above figure. Publications in 2017 from *Global Health Research and Policy* and their citations were unavailable from WoS, resulting in absence of simulated JIF in 2019. The difference between A and B classifications according to the simulated JIFs from 2019 to 2021 is that, in B, the COVID-19-related publications were taken out of consideration in 2020. ESCI, Emerging Sources Citation Index; JCR, Journal Citation Reports; JIF, journal impact factor; WoS, Web of Science.

four journals, except *Global Health Action*, the other three journals increased the publications after the COVID-19 outbreak. Six journals, namely *BMJ Global Health*, *Clinical Epidemiology and Global Health*, *Global Health-Science and Practice*, *Global Public Health*, *Journal of Epidemiology and Global Health*, and *Journal of Global Health*, increased their monthly number of non-COVID-19 publications after the COVID-19 outbreak. Specifically, *BMJ Global Health* had the highest monthly number of non-COVID-19 publications (35) after the COVID-19 outbreak ( $p < 0.001$ ). The remaining 10 journals decreased their monthly number of non-COVID-19 publications after the COVID-19 outbreak. Specifically, the decreased monthly number of non-COVID-19 publications in *Bulletin of the World Health Organization*, *Global Health Epidemiology and Genomics*,

*Global Health Research and Policy*, *IJHS* and *Lancet Global Health* was statistically significant ( $p < 0.05$ ). Besides, the monthly number of overall publications among these journals changed slightly. Regarding the COVID-19-related publications after the COVID-19 outbreak among all the journals, *Annals of Global Health* and *Journal of Global Health* had the highest numbers (10 and 8 publications), while *Global Health Action* and *Global Health Epidemiology and Genomics* had nearly no COVID-19-related publications.

**Figure 5** presents the aggregated numbers of publications, including overall publications, non-COVID-19 publications and COVID-19-related publications. As for the included journals, except *IJHS* and *Global Health-Science and Practice*, before the COVID-19 outbreak, the

**Table 1** Number of publications in global health journals before and after the COVID-19 outbreak from January 2018 to June 2022 per month

No	Journal name	Before the COVID-19 outbreak (January 2018–January 2020)		After the COVID-19 outbreak (February 2020–June 2022)		Overall publication number per month Median (IQR)	P value
		Non-COVID-19/overall publication number per month Median (IQR)	Non-COVID-19 publication number per month Median (IQR)	COVID-19-related publication number per month Median (IQR)	Overall publication number per month Median (IQR)		
1	<i>Annals of Global Health</i>	8 (0.5–15.5)	8 (5–13)	2 (1–3)	11 (7–14)	0.801	–
2	<i>BMJ Global Health</i>	25 (20–31)	35 (30.5–40.5)	11 (8–15.5)	48 (40–51.5)	<0.001*	↑
3	<i>Bulletin of the World Health Organization</i>	10 (9–11)	8 (6–10)	2 (1–4)	11 (9.5–12)	0.004*	↓
4	<i>Clinical Epidemiology and Global Health</i>	9 (7–13)	15 (8–20.5)	4 (3–7)	21 (11–26)	0.044*	↑
5	<i>Global Health Action</i>	10 (8–13)	10 (5.5–15.5)	0 (0–1)	10 (5.5–16)	0.889	–
6	<i>Global Health Epidemiology and Genomics</i>	1 (0–2)	0 (0–0.5)	0 (0–0)	0 (0–1)	0.012*	↓
7	<i>Global Health Promotion</i>	3 (1–4.5)	3 (2–3)	1 (0–2)	5 (2–8)	0.203	–
8	<i>Global Health Research and Policy</i>	3 (3–3)	2 (1–3)	2 (1–3)	4 (3–4.5)	0.018*	↓
9	<i>Global Health-Science and Practicet</i>	17 (13–23)	18.5 (14.25–23.75)	2 (1–3)	21.5 (16.5–25.75)	<0.001*	↑
10	<i>Global Mental Health</i>	3 (2–4)	2 (2–4)	1 (0–1)	3 (2–4.5)	0.816	↓
11	<i>Global Public Health</i>	10 (6–14)	13 (8–16.5)	2 (1–4)	14 (9–20)	0.234	↑
12	<i>Globalization and Health</i>	8 (4.5–12)	8 (5–9)	2 (1.5–6)	10 (7–15)	0.295	–
13	<i>International Health</i>	8 (6.5–12)	6 (3–8.5)	1 (0–2)	7 (5–9.5)	0.030*	↓
14	<i>International Journal of Health Science (IJHS)†</i>	10 (10–15)	7 (5–8)	1 (0–2)	8 (7–9)	0.748	↓
15	<i>Journal of Epidemiology and Global Health</i>	1 (0–5.5)	2 (1–3.5)	2 (1–3)	5 (2.5–6)	0.602	↑
16	<i>Journal of Global Health</i>	10 (5–16)	12 (9.5–17)	8 (5.5–16.5)	24 (17–34.5)	0.147	↑
17	<i>Lancet Global Health</i>	27 (23–33.5)	22 (18–25.5)	6 (4–8)	26 (24.5–34)	0.006*	↓
18	<i>Lancet Planetary Health</i>	10 (8.5–11.5)	10 (7–12)	2 (1–3.5)	12 (10.0–13.5)	0.427	–
19	<i>Pathogens and Global Health</i>	4 (3–5)	3 (1.5–5)	2 (1–3.5)	5 (3–7)	0.327	↓
20	<i>Tropical Medicine &amp; International Health</i>	12 (8–13)	9.5 (6–15)	1 (0–1)	10 (7–15.5)	0.247	↓
Total§		172 (160–192.5)	173 (163–196.5)	58 (44–70.5)	230 (217–250.5)	0.883	↑

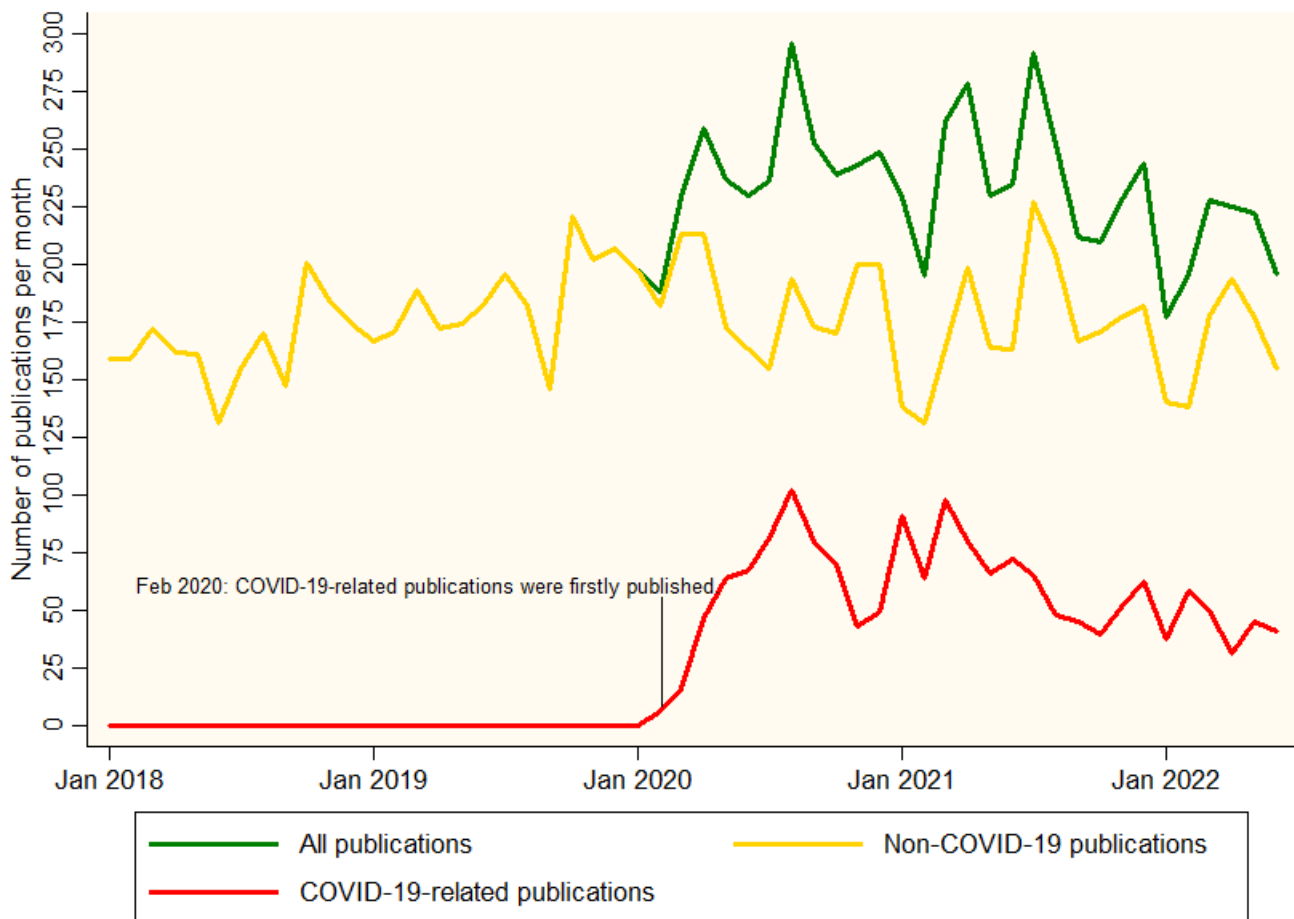
\* means a statistical significance at 95% level.

†The changes of the monthly number of non-COVID-19 publications before and after the COVID-19 outbreak were divided into three categories, including increased (↑), constant (–) and decreased (↓) number of publications.

‡We calculated the median of monthly non-COVID-19 publications only in specific months rather than each month for *Global Health-Science and Practice*.

§The median number of non-COVID-19 publications was reported every 2 months for *IJHS*.

¶We excluded the number of publications from the *IJHS* and the *Global Health-Science and Practice* for the aggregated publications since the *IJHS* publishes relevant articles every 2 months and the *Global Health-Science and Practice* only publishes articles in specific months, so we could not retrieve the published online date for each publication.



**Figure 5** The aggregated numbers of publications from January 2018 to June 2022 for global health journals. We excluded the number of publications from the *International Journal of Health Sciences* and the *Global Health-Science and Practice* journals for the aggregated publications since the former publishes articles every 2 months, and the latter only publishes papers in specific months, so we could not retrieve the published online date for each publication.

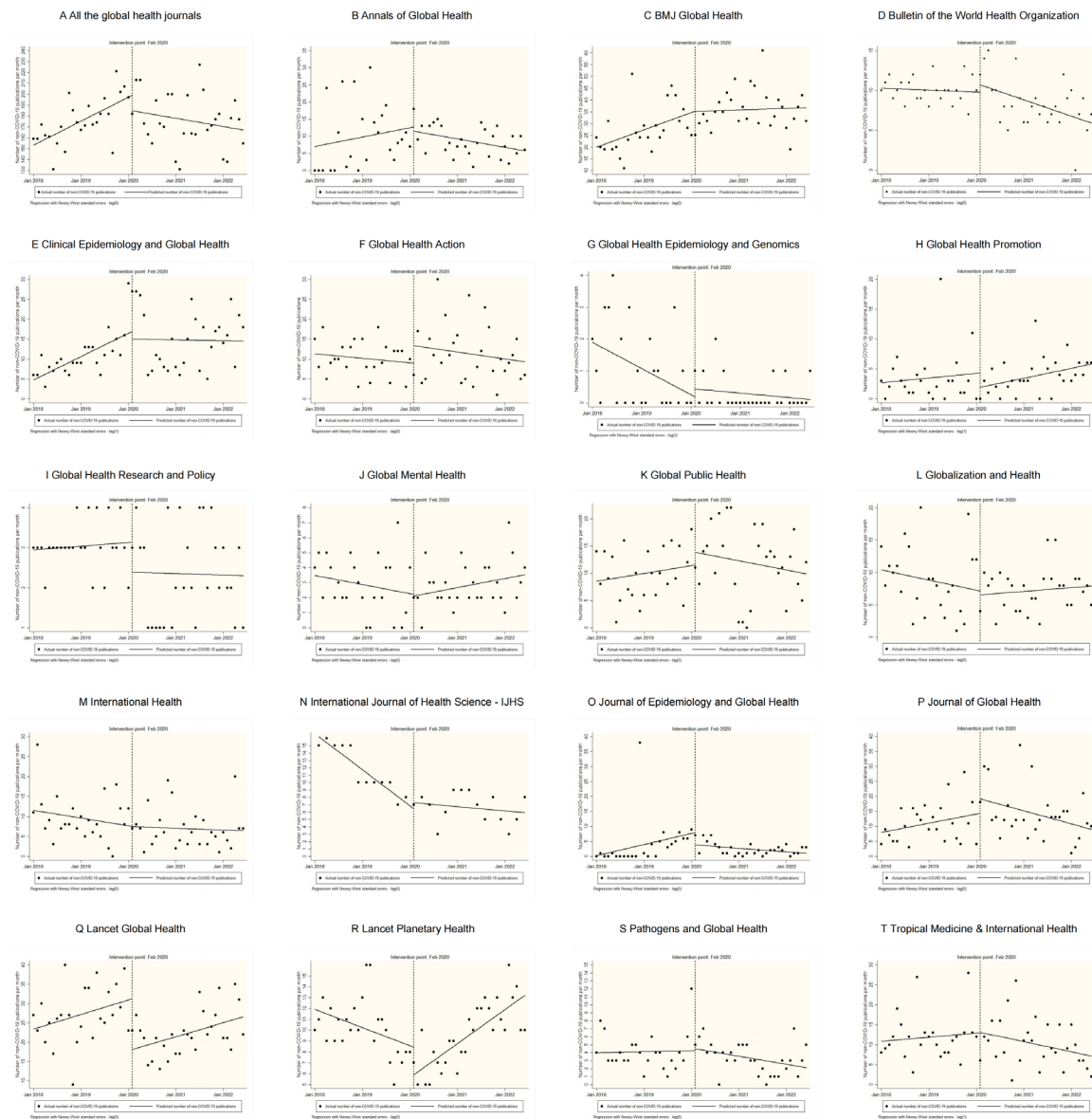
number of aggregated non-COVID-19 publications increased by 1.8 publications per month ( $p < 0.001$ ). For all the 20 journals as a whole, after the COVID-19 outbreak in February 2020, the total number of non-COVID-19 publications significantly decreased by 14.2 compared with the previous month ( $p = 0.013$ ), and since then, on average, the publications had decreased by 0.6 per month until June 2022 ( $p < 0.001$ ). The specific results for each journal are presented in online supplemental table 2. **Figure 6A** shows the increasing number of non-COVID-19 publications before the COVID-19 outbreak and the decreasing number of non-COVID-19 publications after the COVID-19 outbreak according to the slopes. Four journals significantly contributed to the decreasing number of non-COVID-19 publications, while three journals significantly increased the number of non-COVID-19 publications after the COVID-19 outbreak (**figure 6** and online supplemental table 2). Specifically, the changes in the number of non-COVID-19 publications before and after the COVID-19 outbreak in *Annals of Global Health*, *BMJ Global Health*, *Journal of Epidemiology*

and *Global Health*, *Journal of Global Health*, *Global Health Epidemiology and Genomics*, *IJHS* and *Lancet Planetary Health* were  $-0.43$  publication ( $p = 0.036$ ),  $-0.56$  publication ( $p = 0.037$ ),  $-0.41$  publication ( $p < 0.001$ ),  $-0.62$  publication ( $p = 0.017$ ),  $0.06$  publication ( $p = 0.039$ ),  $0.36$  publication ( $p < 0.001$ ) and  $0.40$  publication ( $p < 0.001$ ), respectively. The results of the autocorrelation for non-COVID-19 publications among the journals are shown in online supplemental figure 1.

## DISCUSSION

Our study found that the simulated JIFs in 2021 among 17 out of 20 global health journals were increasing compared with the previous years (2019 and 2020), which is consistent with the findings of Gonzalez-Hermosillo and Roldan-Valadez in dermatology journals.<sup>23</sup> The simulated JIFs without COVID-19-related publications were mostly lower than the ones with COVID-19-related publications, though the changes were in different levels. These findings indicate that the COVID-19 pandemic has impacted





**Figure 6** Trends of non-COVID-19 publications in global health journals due to COVID-19 from January 2018 to June 2022. We excluded the number of publications from the *Global Health-Science and Practice* for the interrupted time-series analysis since it only publishes the papers in specific months for a year and the interval of time issued is not equal. (A) All the included global health journals; (B) *Annals of Global Health*; (C) *BMJ Global Health*; (D) *Bulletin of the World Health Organization*; (E) *Clinical Epidemiology and Global Health*; (F) *Global Health Action*; (G) *Global Health Epidemiology and Genomics*; (H) *Global Health Promotion*; (I) *Global Health Research and Policy*; (J) *Global Mental Health*; (K) *Global Public Health*; (L) *Globalization and Health*; (M) *International Health*; (N) *International Journal of Health Science*; (O) *Journal of Epidemiology and Global Health*; (P) *Journal of Global Health*; (Q) *Lancet Global Health*; (R) *Lancet Planetary Health*; (S) *Pathogens and Global Health*; (T) *Tropical Medicine & International Health*.

the JIFs of the journals. With its unique hot feature as a pandemic, the number of publications and citations are greatly affected by COVID-19-related publications, and the explosive growth of COVID-19-related publications was regarded as the biggest explosion of scientific literature ever in science,<sup>31</sup> which is particularly evident for global health journals with huge changes of JIFs in our study. The main reason is that many of the COVID-19-related publications are highly cited, which significantly boosted the JIFs. For example, as to three highly cited

papers published in *Lancet Global Health* in 2020,<sup>32–34</sup> the respective numbers of citations in 2021 were 320, 277 and 542. Their total number of citations (1139) accounted for around 36.31% of the overall citations (3137) in 2021.

The increased JIFs may benefit global health journals from attracting more manuscripts to submit, increasing international impact and securing more funds.<sup>35</sup> Some researchers think that the rapid increase of JIFs is a disruptive phenomenon for bibliometrics.<sup>36</sup> Pursuing temporal interest, rather than quality, journals can get

a better ranking based on inflated JIFs in journal lists, which may increase the chance of speculative behaviours in academia and publishing.<sup>37</sup> Besides, considering the technical imperfections of JIF, such as asymmetry between numerator and denominator, journal self-citations, length of citation window and skewness of citation distributions, it is risky to rely too much on a single research metric with abstract construction, calling for comprehensive evaluation to measure journal development.<sup>38 39</sup>

Interestingly, we found that the COVID-19 pandemic had impacted the structure of publication types of global health journals. Three hundred fifty COVID-19-related editorial materials and letters were published in 2020, accounting for 56.91% of the overall publications. It was much higher than that for non-COVID-19 publications (18.52%), and this is consistent with other studies.<sup>11 40</sup> A substantial proportion of editorial materials, letters and other types related to COVID-19 have been published, which decreased the denominators of JIFs but generated citation number. Moreover, the hot topic feature of the 'original article' and 'review article' related to COVID-19 increased the numerator and further boosted the JIFs. A study has shown that journals focusing on raising a JIF can lead to the decrease of content in some specific publication types.<sup>41</sup> Similarly, global health journals could have participated 'artificially' in the inflation of JIFs by publishing more editorial materials and letters. Besides, this unusual structure of publication type during COVID-19 may not only dilute the original data published on this disease, but also reflect the possibility of affecting the quality of COVID-19-related research, which may possibly lead to exaggerated information and non-evidence-based measures in the early stage of COVID-19.<sup>42-44</sup> However, considering the unknown nature of new disease in the early stage of COVID-19, this unusual phenomenon should not be criticised.<sup>45</sup> We are of the opinion that types other than 'research article' and 'review article' are important in providing other directions that could be explored, so their contribution is significant and should be encouraged.

Similar to Raynaud *et al* who estimated the dynamics of non-COVID-19 publications in 10 high-impact medical and infectious disease journals from January 2019 to January 2020,<sup>11</sup> we found that some journals maintained the number of non-COVID-19 publications while integrating COVID-19-related publications and thus increased the overall number of publications after the COVID-19 outbreak; some journals decreased the number of non-COVID-19 publications while integrating COVID-19-related publications with constant number of overall publications. Differently, we further found that six journals (*BMJ Global Health*, *Clinical Epidemiology and Global Health*, *Global Health-Science and Practice*, *Global Public Health*, *Journal of Epidemiology and Global Health*, and *Journal of Global Health*) increased the monthly number of non-COVID-19 publications with the increased monthly number of overall publications after the COVID-19 outbreak. This indicates that global health journals

responded differently to the COVID-19 pandemic in disseminating the publications. At the fast-spreading early stage of the COVID-19 outbreak, researches related to COVID-19, such as virology, clinical, medical and social researches, were rapidly disseminated for the purpose of forming guidelines to treat the patients, and understand the nature and possible impact of COVID-19.<sup>1 17 46-48</sup> Meanwhile, increasing funding has been allocated to research related to COVID-19.<sup>49</sup> Therefore, it is understandable that some global health journals (especially those without APCs) decreased the number of non-COVID-19 publications after the COVID-19 outbreak and thus had a squeezing effect on the non-COVID-19 publications. However, the scientific standards and quality control need to be maintained when the number of COVID-19-related publications increases and the journals speed up COVID-19-related publications.<sup>11 50-52</sup> Besides, not all the global health journals substantially disseminated COVID-19-related publications. For example, both *Global Health Action* and *Global Health Epidemiology and Genomics* had very limited number of COVID-19-related publications. This may indicate that some global health journals have their own topic preferences.

Our findings from ITSA demonstrate that, in general, the overall trend of non-COVID-19 publications in global health journals is decreasing after the COVID-19 outbreak, and *Annals of Global Health*, *BMJ Global Health*, *Journal of Epidemiology and Global Health*, and *Journal of Global Health* significantly contributed to the decreasing trend. In our results, *BMJ Global Health* had the highest number of COVID-19-related publications, followed by *Journal of Global Health*, which further supported the squeezing effect of COVID-19-related publications on the non-COVID-19 publications in the above four journals. Such finding is consistent with that of Shan *et al*, who explored the trends of non-COVID-19 publications in six leading medical journals (JIF >20) during the peak of the COVID-19.<sup>53</sup>

Our study has some other implications. First, as for the SSCI/SCIE global health journals, the actual JIFs extracted from JCR are mostly higher than our simulated JIFs. We used the calculation of JIF proposed by WoS. However, some inconsistency was found among the number of citations, review articles or articles generated by JCR citation reports. It is almost impossible for us to generate the same JIFs following the JIF calculation formula. Ideally, more information from WoS regarding JIF calculation could be made accessible. Second, like the findings reported in *Lancet Global Health*<sup>24</sup> and *BMJ Global Health*,<sup>29</sup> most of the global health journals are operated by publishers from developed countries and they charge APCs. It is thus plausible that despite that some discount or full waiver policies are available, this might constitute a hindrance in publishing research from less funded entities. A more innovative, equitable and affordable charging policy could be explored. Third, in future pandemic outbreak setting, global health journals should balance publication structure

and number of pandemic and non-pandemic-related publications.

### Limitations

Our study has some limitations. First, due to research feasibility, we only simulated the JIFs of global health journals only before and after the COVID-19 outbreak from 2019 to 2021. Given that citations change over time, more follow-up citations phenomenon will accumulate as well. To further track the follow-up impact, a similar research (another new study) to include more years of data will be helpful. Second, in this study, we mainly used the JIFs and publication numbers for the measurements. A combination of metrics can be explored for further empirical investigations, and more indicators, such as Journal Citation Index, h-index and Altmetric, can be further analysed quantitatively. Third, in this study, we did not quantify the impact of each publication type on JIF, which can be further explored in another follow-up study. Fourth, as publication priorities could be similar or completely different, including journals of the same or different publishers or families in our study, this could have potentially affected the results in terms of comparison. More explorations can be made in the future.

### CONCLUSIONS

The COVID-19 pandemic has impacted the structure of COVID-19-related publication types, the JIFs of global health journals and their number of non-COVID-19 publications at different levels. It is necessary to pay attention to the structure of publication types, scientific standards and quality control when the number of COVID-19-related publications is increasing. Further, for some global health journals, a squeezing effect of COVID-19-related publications against non-COVID-19 publications is found. Although global health journals may benefit from the increased JIFs, they shall avoid relying on single metrics for journal development. More follow-up studies including more years of data with a combination of metrics can be conducted to generate more robust evidence.

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## Appendix 1

## Appendix 2: Raw data extracted from the included global health journals

Tables S1-20 (Pages 1-218): Publication list of the included global health journals published in 2020

Table S21 (Pages 219-221): The number of non-COVID-19 publications per month of each included global health journal from Jan.2018 to Jun.2022 for ITSA

Table S22 (Pages 222-224): The number of all publications per month of each included global health journal from Jan.2018 to Jun.2022 for ITSA

**Table S1 List of articles published in *Annals of Global Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Cost-Utility of Intermediate Obstetric Critical Care in a Resource-Limited Setting: A Value-Based Analysis	1	Article	2
2	Mental Health Status of Healthcare Workers in China for COVID-19 Epidemic	0	Article	9
3	Postnatal Outcomes and Risk Factors for In-Hospital Mortality among Asphyxiated Newborns in a Low-Resource Hospital Setting: Experience from North-Central Nigeria	1	Article	2
4	US Policies Increase Vulnerability of Immigrant Communities to the COVID-19 Pandemic	0	Letter	7
5	Awareness and Knowledge Among Dental and Medical Undergraduate Students Regarding Human Papilloma Virus and Its Available Preventive Measures	1	Article	1
6	Social Integration and Community Health Participation of Elderly Men in Peri-Urban Ecuador	1	Article	0
7	Midwife Led Units: Transforming Maternity Care Globally	1	Article	3
8	The Global Burden of Disease Study Estimates of Brazil's Cervical Cancer Burden	1	Article	0
9	Using a Health Equity Lens to Evaluate Short-Term Experiences in Global Health (STEGH)	1	Article	1
10	Ecology of War, Health Research and Knowledge Subjugation: Insights from the Middle East and North Africa Region	1	Article	3
11	Which Country is Truly Developed? COVID-19 has Answered the Question	0	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
12	Integrating Global Health Within Dental Education: Inter-University Collaboration for Scaling Up a Pilot Curriculum	1	Article	2
13	Emergency Transportation Interventions for Reducing Adverse Pregnancy Outcomes in Low- and Middle-Income Countries: A Systematic Review	1	Review	1
14	Exposure to Wood Smoke and Associated Health Effects in Sub-Saharan Africa: A Systematic Review	1	Review	15
15	Elevated Levels of Lead (Pb) Identified in Georgian Spices	1	Article	1
16	Cancer Risk Studies and Priority Areas for Cancer Risk Appraisal in Uganda	1	Review	1
17	Prevalence of Type 2 Diabetes Mellitus in Adult Population of Pakistan: A Meta-Analysis of Prospective Cross-Sectional Surveys	1	Review	8
18	Female Sex Workers' Experiences of Violence and Substance Use on the Haitian, Dominican Republic Border	1	Article	2
19	Sharing Solidarity Experiences to Overcome COVID-19	0	Letter	7
20	Changing the COVID-19 Narrative in Africa: Using an Implementation Research Lens to Understand Successes and Plan for Challenges Ahead	0	Article	3
21	The Looming Dangers of Explosion in Community Transmissions of COVID-19 in Nigeria	0	Article	1
22	Evaluating Attitudes Towards Patient Care and Operations at Korle-Bu Outpatient Clinic	1	Article	0
23	COVID-19: How to Reduce Some Environmental and Social Impacts?	0	Article	0
24	A Global View on Prevalence of Hypertension and Human Develop Index	1	Article	5
25	The Effects of Live-Fire Drills on Visual and Auditory Cognitive Performance among Firefighters	1	Article	0
26	Eswatini Nursing Council Regulatory Reforms: Process towards Entry to Practice Examination	1	Article	0
27	Developing Ethical and Sustainable Global Health Educational Exchanges for Clinical Trainees: Implementation and Lessons Learned from the 30-Year Academic Model Providing Access to Healthcare (AMPATH) Partnership	1	Review	1
28	A Case Study of a Point-of-Care Electronic Medical Record [SABER] in Totonicapan, Guatemala: Benefits,	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	Challenges, and Future Directions			
29	Epidemiology and Perioperative Mortality of Exploratory Laparotomy in Rural Ghana	1	Article	1
30	Establishing a Sustainable Training Program for Laparoscopy in Resource-Limited Settings: Experience in Ghana	1	Article	1
31	Folic Acid Supplement Intake and Risk of Colorectal Cancer in Women; A Case Control Study	1	Article	0
32	High Burden of Undernutrition among At-Risk Children in Neonatal Follow-Up Clinic in Rwanda	1	Article	0
33	Evaluating the Impact of a School-Based Youth-Led Health Education Program for Adolescent Females in Mumbai, India	1	Article	3
34	Medical Approach to Refugees: Importance of the Caring Physician	1	Article	3
35	Caribbean Diaspora Healthy Nutrition Outreach Project (CDHNOP): A Qualitative and Quantitative Approach to Caribbean Health	1	Article	1
36	The Impact of Heavy Load Carrying on Musculoskeletal Pain and Disability Among Women in Shinyanga Region, Tanzania	1	Article	3
37	Perspectives and Solutions from Clinical Trainees and Mentors Regarding Ethical Challenges During Global Health Experiences	1	Article	3
38	The Comparison of the Adverse Events of Pentavalent Vaccine and DPT Vaccine in 2-6 Months Infants in Iran: A National Study	1	Article	0
39	Addressing Climate Change Communication: Effective Engagement of Populations for Climate Action in the US and Globally	1	Article	2
40	Susceptibility to Insecticides and Natural Infection in <i>Aedes aegypti</i> : An Initiative to Improve the Mosquito Control Actions in Boyaca, Colombia	1	Article	1



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
41	Haematological Parameters and Spleen Rate of Asymptomatic and Malaria Negative Children in Edo South District, Nigeria	1	Article	5
42	Schistosomiasis Control in Nigeria: Moving Round the Circle?	1	Article	1
43	Global Prevalence and Device Related Causes of Needle Stick Injuries among Health Care Workers: A Systematic Review and Meta-Analysis	1	Review	19
44	Double Burden of COVID-19 Pandemic and Military Occupation: Mental Health Among a Palestinian University Community in the West Bank	0	Article	5
45	Medical Education in the Former Soviet Union: Opportunities in Armenia	1	Article	0
46	Assessment of Acute Obstetrical Needs and the Potential Utility of Point-Of-Care Ultrasound in the North East Region of Haiti: A Cross-Sectional Study	1	Article	1
47	Litigation to Access Health Services: Ally or Enemy of Global Public Health?	1	Review	0
48	An International Partnership of 12 Anatomy Departments - Improving Global Health through Internationalization of Medical Education	1	Article	4
49	A Low-Cost Humidity Control System to Protect Microscopes in a Tropical Climate	1	Article	0
50	Emergency Medicine Training Programs in Low- and Middle-Income Countries: A Systematic Review	1	Review	5
51	Partnership and Participation-A Social Network Analysis of the 2017 Global Fund Application Process in the Democratic Republic of the Congo and Uganda	1	Article	0
52	Lead Concentrations in Mexican Candy: A Follow-Up Report	1	Article	0
53	Rapid Review to Inform the Rehabilitation and Reintegration of Child Returnees from the Islamic State	1	Review	1
54	VIEWPOINT Changing the Narrative for Nursing Globally	1	Article	1
55	Practices and Perspectives of Traditional Bone Setters in Northern Tanzania	1	Article	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
56	Associations of Occupational, Socio-Demographic and Lifestyle Factors with Lung Functions in Malaysian Traffic Policemen	1	Article	1
57	Prevalence and Associated Factors of Diabetes Mellitus in Hosanna Town, Southern Ethiopia	1	Article	3
58	Diabetic Microvascular Complications Among Children and Adolescents in Northwestern Tanzania: A Cross-Sectional Study	1	Article	1
59	An Approach to Building Equitable Global Health Research Collaborations	1	Editorial Material	1
60	Building Career Development Skills for Researchers: A Qualitative Study Across Four African Countries	1	Article	1
61	How Frequently Do We Touch Facial T-Zone: A Systematic Review	1	Review	6
62	Mitigating Global Oral Health Inequalities: Research Training Programs in Low- and Middle-Income Countries	1	Article	1
63	Nationalizing Operational Research Capacity Building: Necessity or Luxury?	1	Editorial Material	1
64	Evidence of COVID-19 Impacts on Occupations During the First Vietnamese National Lockdown	0	Article	19
65	Evaluation of a Ten-Year Team-Based Collaborative Capacity-Building Program for Pediatric Cardiac Surgery in Uzbekistan: Lessons and Implications	1	Article	0
66	Searching for Digital Technologies in Containment and Mitigation Strategies: Experience from South Korea COVID-19	0	Article	3
67	Practical and Ethical Solutions for Remote Applied Learning Experiences in Global Health	1	Article	0
68	Prevalence, Predictors, and Characteristics of Waterpipe Smoking Among Jazan University Students in Saudi Arabia: A Cross-Sectional Study	1	Article	0
69	Challenges Faced by Rohingya Refugees in the COVID-19 Pandemic	0	Article	4
70	COVID-19 Outbreak, Mitigation, and Governance in High Prevalent Countries	0	Article	3
71	Building Master Trainers to Facilitate Sexual Violence Prevention: A Pilot Study in Ghana	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
72	Rio Birth Cohort Study on Environmental Exposure and Childhood Development - PIPA Project	1	Article	5
73	Factors Associated with Loss to Follow-up among Cervical Cancer Patients in Rwanda	1	Article	0
74	Level of Knowledge on Stroke and Associated Factors: A Cross-Sectional Study at Primary Health Care Centers in Morocco	1	Article	1
75	Postoperative Rheumatic Heart Disease Follow-Up: Creating a National Registry and First Results from Rwanda	1	Article	2
76	Integration of Chronic Oncology Services in Noncommunicable Disease Clinic in Rural Rwanda	1	Article	1
77	Dwelling Characteristics Influence Indoor Temperature and May Pose Health Threats in LMICs	1	Article	2
78	Developing Strategies for Sustainable Medical Equipment Maintenance in Under-Resourced Settings	1	Editorial Material	1
79	Pyrethroid Insecticides in Households from Urban Areas: An Association of the 3-PBA Metabolite and Hand Wipes	1	Article	0
80	Enhancing Knowledge in Informal Settlements: Assessing Health Beliefs and Behaviors in Nigeria	1	Article	0
81	Provision of Care to Preterm Infants at Resource Limited Health Facilities of Mopani District, South Africa	1	Article	2
82	Agile Application of Digital Health Interventions during the COVID-19 Refugee Response	0	Article	1
83	Diabetes: What Challenges Lie Ahead for Vietnam?	1	Review	6
84	Identifying Perceived Barriers to Human Papillomavirus Vaccination as a Preventative Strategy for Cervical Cancer in Nigeria	1	Article	0
85	Global Health and Public Health Majors and Minors at 411 Universities, 2019-2020	1	Article	0
86	COVID-19 in the Americas: Who's Looking After Refugees and Migrants?	0	Editorial Material	5
87	COVID-19-The Availability of ICU Beds in Brazil during the Onset of Pandemic	0	Article	9
88	Developing and Implementing the Family Nurse Practitioner Role in Eswatini: Implications for Education, Practice, and Policy	1	Article	1
89	Assessing Providers' Approach to Hypertension Management at a Large, Private Hospital in Kampala, Uganda	1	Article	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
90	Emergency Department Design in Low- and Middle-Income Settings: Lessons from a University Hospital in Haiti	1	Article	0
91	Household Income, Food Insecurity and Nutritional Status of Migrant Workers in Klang Valley, Malaysia	1	Article	1
92	Risk Factors of Respiratory Diseases Among Neonates in Neonatal Intensive Care Unit of Qena University Hospital, Egypt	1	Article	6
93	Vaccination Status and Associated Factors among Street Children 9-24 Months Old in Sidama Region, Ethiopia	1	Article	1
94	Assessing the Risk of HIV and Hepatitis C among Internally Displaced Persons in Georgia	1	Review	0
95	Reviewing COVID-19 Modelling amidst Recent United States Protests	0	Letter	1
96	Improving the Caesarean Decision by Robson Classification: A Population-Based Study by 5,323,500 Livebirth Data	1	Article	2
97	Spatiality in Health: The Distribution of Health Conditions Associated with Electronic Waste Processing Activities at Agbogbloshie, Accra	1	Article	2
98	Improving Child Survival in Sub-Saharan Africa: Key Environmental and Nutritional Interventions	1	Article	0
99	Evaluation of Peruvian Government Interventions to Reduce Childhood Anemia	1	Article	0
100	Rethinking the COVID-19 Pandemic: Back to Public Health	0	Article	1
101	Health Disparities: A Perspective on Internal Migration and Health Behavior in Sudan	1	Article	2
102	Prevalence of Typhoid and Paratyphoid Fever in the Hohoe Municipality of the Volta Region, Ghana: A Five-Year Retrospective Trend Analysis	1	Article	1
103	A Mechanism for Reviewing Investments in Health Research Capacity Strengthening in Low- and Middle-Income Countries	1	Editorial Material	5
104	Nurse Expertise: A Critical Resource in the COVID-19 Pandemic Response	0	Editorial Material	24
105	Presentation of Pediatric Unintentional Injuries at Rural Hospitals in Rwanda: A Retrospective Study	1	Article	1
106	Changing Patterns in Epidemiology of Malaria Between 2006 and 2018 in the South of Fars Province, Southern Iran:	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	The Fall and Rise of Malaria			
107	Evaluating and Improving upon Ecuador's Adolescent Pregnancy Prevention Policies in an Era of Increased Urgency	1	Editorial Material	2
108	Point-of-Care Tests for Hepatitis B Are Associated with A Higher Linkage to Care and Lower Cost Compared to Venepuncture Sampling During Outreach Screenings in an Asian Migrant Population	1	Article	5
109	Graduate Midwifery Education in Uganda Aiming to Improve Maternal and Newborn Health Outcomes	1	Article	2
110	Commentary: As the Oceans Go, So Too Do We	1	Editorial Material	0
111	Influence of Caretakers' Health Literacy on Delays to Traumatic Brain Injury Care in Uganda	1	Article	0
112	Perceived Health System Barriers to Tuberculosis Control Among Health Workers in South Africa	1	Article	4
113	Reproductive Healthcare Needs of Sex Workers in Rural South Africa: A Community Assessment	1	Article	0
114	Validation of Whole Blood Rapid Diagnosis Test for Hepatitis B	1	Letter	0
115	Lived Experiences and Technological Literacy of Heart Failure Patients and Clinicians at a Cardiac Care Centre in Uganda	1	Article	0
116	Risk Factors for Stunting in Children under the Age of 5 in Rural Guatemalan Highlands	1	Article	0
117	Epidemiologic Profile of Overweight and Obesity in Abidjan, Ivory Coast: A Cross-Sectional Study	1	Article	0
118	Sexual Health of Haitian Immigrants in Southern Brazil: A Cross-Sectional Study	1	Article	0
119	Primary Care 2030: Creating an Enabling Ecosystem for Disruptive Primary Care Models to Achieve Universal Health Coverage in Low- and Middle-Income Countries	1	Article	2
120	Unblocking Barriers of Access to Hepatitis C Treatment in China: Lessons Learned from Tianjin	1	Article	2
121	Research Capacity and Training Needs for Cancer in Conflict-Affected MENA Countries	1	Article	0
122	Expanding Global Rehabilitation Services through International Academic-Community Partnerships	1	Article	0
123	Human Health and Ocean Pollution	1	Review	31

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
124	Simple Questionnaires to Improve Pooling Strategies for SARS-CoV-2 Laboratory Testing	0	Article	3
125	Medical Student Involvement in a Human Rights Program: Impact on Student Development and Career Vision	1	Article	0
126	Population and Individual-Level Double Burden of Malnutrition Among Adolescents in Two Emerging Cities in Northern and Southern Nigeria: A Comparative Cross-Sectional Study	1	Article	0
127	Impact of the Fogarty Training Program on Trainee and Institutional Research Capacity Building at a Government Medical College in India	1	Article	0
128	Radiographic Changes in Colombian Asbestos Factory Workers	1	Article	0
129	Key Considerations for Successful Risk Communication and Community Engagement (RCCE) Programmes During COVID-19 Pandemic and Other Public Health Emergencies	0	Article	3
130	Prevalence of Cervical Cancer Screening and Awareness among Women in an Urban Community in South India-A Cross Sectional Study	1	Article	7
131	Survival Rate of Prostate Cancer in Asian Countries: A Systematic Review and Meta-Analysis	1	Review	7
132	The Effect of Pediatric Colorectal Short-Term Medical Service Trips on Self-Reported Confidence in Patient Care in Volunteers in the Home Country	1	Article	1
133	Contingency Nursing Management in Designated Hospitals During COVID-19 Outbreak	0	Review	13
134	Comparing Approaches to Research in Global and International Health: An Exploratory Study	1	Article	0
135	Annual Primary Care 2030 Convening: Creating an Enabling Ecosystem for Person-Centered Primary Healthcare Models to Achieve Universal Health Coverage in Low- and Middle-Income Countries	1	Article	1
136	Epidemiological Patterns of Animal Bites in the Najafabad, Center of Iran (2012-2017)	1	Article	1
137	Association Between Breastfeeding and Child Stunting in Mexico	1	Article	2
138	Global Health Education Programs in the Americas: A Scoping Review	1	Review	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
139	Nationwide Hospital-Based Seroprevalence of Hepatitis A and Hepatitis E Virus in Bangladesh	1	Article	2
140	Containing COVID-19: Implementation of Early and Moderately Stringent Social Distancing Measures Can Prevent The Need for Large-Scale Lockdowns	0	Article	4
141	Availability, Costs and Stock-Outs of Essential NCD Drugs in Three Rural Rwandan Districts	1	Article	0
142	Adherence to Antihypertensive Medication: An Interview Analysis of Southwest Ugandan Patients' Perspectives	1	Article	3
143	'They Forget I'm Deaf': Exploring the Experience and Perception of Deaf Pregnant Women Attending Antenatal Clinics/Care	1	Article	3
144	Comparison of Hypertension in Migrant and Local Patients with Atherosclerotic Diseases: A Cross-Sectional Study in Shanghai, China	1	Article	1
145	Curricular Models and Learning Objectives for Undergraduate Minors in Global Health	1	Article	0
146	Implementation, Outputs, and Cost of a National Operational Research Training in Rwanda	1	Article	0
147	24th Collegium Ramazzini Statement: Prevention of Work-Related Infection in the COVID-19 Pandemic	0	Article	3
148	SARS-CoV-2 Infection in Pregnant Women and Their Newborns	0	Letter	2
149	Cardiovascular Diseases in Central and Eastern Europe: A Call for More Surveillance and Evidence-Based Health Promotion	1	Review	12
150	A Catholic Contribution to Global Public Health	1	Article	1
151	Efficacy and Safety of Pharmacoinvasive Strategy Compared to Primary Percutaneous Coronary Intervention in the Management of ST-Segment Elevation Myocardial Infarction: A Prospective Country-Wide Registry	1	Article	1
152	The Perfect Predator: A Scientist's Race to Save Her Husband	1	Book Review	0
153	Relative Measures of Association for Binary Outcomes: Challenges and Recommendations for the Global Health Researcher (vol 85, pg 137, 2019)	1	Correction	0

**Data source:** Web of Science

**Table S2 List of articles published in *BMJ Global Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Effects of terrorist attacks on access to maternal healthcare services: a national longitudinal study in Burkina Faso	1	Article	0
2	Reforming the regulation of medical education, professionals and practice in India	1	Editorial Material	3
3	Report of the WHO independent high-level commission on NCDs: where is the focus on addressing inequalities?	1	Editorial Material	2
4	Protecting hard-won gains for mothers and newborns in low-income and middle-income countries in the face of COVID-19: call for a service safety net	0	Editorial Material	16
5	Oxygen provision to fight COVID-19 in sub-Saharan Africa	0	Editorial Material	11
6	Protecting children in low-income and middle-income countries from COVID-19	0	Editorial Material	8
7	Country adherence to WHO recommendations to improve the quality of HIV diagnosis: a global policy review	1	Review	3
8	Weekly iron-folic acid supplements containing 2.8 mg folic acid are associated with a lower risk of neural tube defects than the current practice of 0.4 mg: a randomised controlled trial in Malaysia	1	Article	2
9	Solving the problem of access to cardiovascular medicines: revolving fund pharmacy models in rural western Kenya	1	Article	4
10	Media trust and infection mitigating behaviours during the COVID-19 pandemic in the USA	0	Article	24
11	Using the Demographic Health Survey wealth index to create family planning market segments based on absolute income levels	1	Article	2
12	What questions we should be asking about COVID-19 in humanitarian settings: perspectives from the Social Sciences Analysis Cell in the Democratic Republic of the Congo	0	Editorial Material	4
13	Time to stop the use of 'Wuhan virus', 'China virus' or 'Chinese virus' across the scientific community	0	Editorial Material	9
14	Antibiotic overuse in the primary health care setting: a secondary data analysis of standardised patient studies from India, China and Kenya	1	Article	10
15	Mixed-method estimation of population-level HIV viral suppression rate in the Western Cape, South Africa	1	Article	0



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
16	Does women's mobile phone ownership matter for health? Evidence from 15 countries	1	Article	13
17	Global health is more than just 'Public Health Somewhere Else'	1	Editorial Material	2
18	Practical actions for fostering cross-disciplinary global health research: lessons from a narrative literature review	1	Review	1
19	Data for tracking SDGs: challenges in capturing neonatal data from hospitals in Kenya	1	Article	8
20	Electronic clinical decision support algorithms incorporating point-of-care diagnostic tests in low-resource settings: a target product profile	1	Article	3
21	Health system determinants of access to essential medicines for children with cancer in Ghana	1	Article	1
22	Predictors of neonatal mortality: development and validation of prognostic models using prospective data from rural Bangladesh	1	Article	1
23	Defining global health as public health somewhere else	1	Editorial Material	5
24	Maternal healthcare coverage for first pregnancies in adolescent girls: a systematic comparison with adult mothers in household surveys across 105 countries, 2000-2019	1	Article	0
25	Country compliance with WHO-recommended antenatal care guidelines: equity analysis of the 2015-2016 Demography and Health Survey in Myanmar	1	Article	3
26	The multi-sectorial emergency response to a cholera outbreak in Internally Displaced Persons camps in Borno State, Nigeria, 2017	1	Article	2
27	Harmonisation of maternal health biorepositories in sub-Saharan Africa	1	Editorial Material	0
28	Categorisation and Minoritisation	1	Editorial Material	5
29	The urgent need for a global commitment to protect healthcare workers	1	Editorial Material	1
30	Confronting power in low places: historical analysis of medical dominance and role-boundary negotiation between health professions in Nigeria	1	Article; Proceedings	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
			Paper	
31	Global health degrees: at what cost?	1	Editorial Material	7
32	Time to apply a social determinants of health lens to addressing sickle cell disorders in sub-Saharan Africa	1	Editorial Material	4
33	Herpes simplex virus type 1 in Europe: systematic review, meta-analyses and meta-regressions	1	Review	7
34	Reforming the World Health Assembly	1	Editorial Material	0
35	Dependency ratios in healthy ageing	1	Article	0
36	The global and regional burden of genital ulcer disease due to herpes simplex virus: a natural history modelling study	1	Article	10
37	Epidemiology of multimorbidity in conditions of extreme poverty: a population-based study of older adults in rural Burkina Faso	1	Article	10
38	Enhancing global health engagement in 21st century China	1	Editorial Material	3
39	Is health politically irrelevant? Experimental evidence during a global pandemic	1	Article	3
40	Initial success from a public health approach to hepatitis C testing, treatment and cure in seven countries: the road to elimination	1	Article	5
41	Effective prevention of intimate partner violence through couples training: a randomised controlled trial of Indashyikirwa in Rwanda	1	Article	4
42	Large and persistent subnational inequalities in reproductive, maternal, newborn and child health intervention coverage in sub-Saharan Africa	1	Article	5
43	Classroom, club or collective? Three types of community-based group intervention and why they matter for health	1	Article	5
44	Containing measles in conflict-driven humanitarian settings	1	Editorial Material	2
45	Establishment of a high-dependency unit in Malawi	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
46	Which mechanisms explain motivation the of primary health workers? Insights from the realist evaluation of a maternal and child health programme in Nigeria	1	Article	2
47	Rift valley fever: diagnostic challenges and investment needs for vaccine development	1	Article	4
48	The impact of country reimbursement programmes on living kidney donations	1	Article	0
49	Allocating resources to support universal health coverage: policy processes and implementation in Malawi	1	Review	1
50	Using structural equation modelling to characterise multilevel socioecological predictors and mediators of condom use among transgender women and cisgender men who have sex with men in the Philippines	1	Article	0
51	Combating hepatitis B and C by 2030: achievements, gaps, and options for actions in China	1	Article	5
52	Estimating the incidence of abortion: using the Abortion Incidence Complications Methodology in Ghana, 2017	1	Article	4
53	The Global Health Security Index: what value does it add?	1	Editorial Material	16
54	Towards universal health coverage: lessons from 10 years of healthcare reform in China	1	Article	12
55	Infection and mortality of healthcare workers worldwide from COVID-19: a systematic review	0	Review	88
56	From words to actions: systematic review of interventions to promote sexual and reproductive health of persons with disabilities in low- and middle-income countries	1	Review	3
57	Early warning of epidemics: towards a national intelligent syndromic surveillance system (NISS) in China	1	Editorial Material	7
58	Trends and inequalities in the nutritional status of adolescent girls and adult women in sub-Saharan Africa since 2000: a cross-sectional series study	1	Article	4
59	Long-term outcomes for children with disability and severe acute malnutrition in Malawi	1	Article	3
60	Health system governance in strengthening International Health Regulations (IHR) compliance in Myanmar	1	Article	2
61	Early estimates of COVID-19 infections in small, medium and large population clusters	0	Article	4
62	Practical lessons for phone-based assessments of learning	1	Article	4

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
63	Diversification in causes of death in low-mortality countries: emerging patterns and implications	1	Article	3
64	Nasa dugo('It's in the blood'): lay conceptions of hypertension in the Philippines	1	Article	2
65	National action to combat AMR: a One-Health approach to assess policy priorities in action plans	1	Article	1
66	Rapid urban health security assessment tool: a new resource for evaluating local-level public health preparedness	1	Article	2
67	Income security during periods of ill health: a scoping review of policies, practice and coverage in low-income and middle-income countries	1	Review	4
68	The sociopolitical context of the COVID-19 response in South Korea	0	Editorial Material	8
69	The implementation and effectiveness of the one stop centre model for intimate partner and sexual violence in low- and middle-income countries: a systematic review of barriers and enablers	1	Review	2
70	Prioritising gender, equity, and human rights in a GRADE-based framework to inform future research on self care for sexual and reproductive health and rights	1	Article	1
71	Improving the reporting of health research involving design: a proposed guideline	1	Editorial Material	6
72	Does retraction after misconduct have an impact on citations? A pre-post study	1	Article	4
73	How health systems approached respiratory viral pandemics over time: a systematic review	1	Review	2
74	How do programmes to prevent intimate partner violence among the general population impact women with disabilities? Post-hoc analysis of three randomised controlled trials	1	Article	1
75	Diagnostic accuracy of neonatal foot length to identify preterm and low birthweight infants: a systematic review and meta-analysis	1	Review	0
76	Improving maternal, newborn and child health outcomes through a community-based women's health education program: a cluster randomised controlled trial in western Kenya	1	Article	3
77	Global health education in UK medical schools: a review of undergraduate university curricula	1	Review	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
78	Adolescent sexual and reproductive health in sub-Saharan Africa: who is left behind?	1	Article	17
79	Relation between opioid consumption and inclusion of opioids in 137 national essential medicines lists	1	Article	3
80	Proximate and socio-economic determinants of under-five mortality in Benin, 2017/2018	1	Article	3
81	Estimating the yield of tuberculosis from key populations to inform targeted interventions in South Africa: a scoping review	1	Review	0
82	Lessons learned from the development and implementation of an electronic paediatric emergency and acute care database in Lilongwe, Malawi	1	Article	1
83	The relatively young and rural population may limit the spread and severity of COVID-19 in Africa: a modelling study (vol 5, e002699, 2020)	0	Correction	0
84	Just-in-time postnatal education programmees to improve newborn care practices: needs and opportunities in low-resource settings	1	Article	0
85	How to design a complex behaviour change intervention: experiences from a nutrition-sensitive agriculture trial in rural India	1	Article	2
86	Estimating maternal mortality: what have we learned from 16 years of surveys in Afghanistan?	1	Editorial Material	2
87	Making sense of dictatorships and health outcomes	1	Editorial Material	3
88	Which men change in intimate partner violence prevention interventions? A trajectory analysis in Rwanda and South Africa	1	Article	3
89	Seasonal variation in the non-specific effects of BCG vaccination on neonatal mortality: three randomised controlled trials in Guinea-Bissau	1	Article	2
90	The role of health system context in the design and implementation of performance-based financing: evidence from Cote d'Ivoire	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
91	Effectiveness, safety and acceptability of medical abortion at home versus in the clinic: a systematic review and meta-analysis in response to COVID-19	0	Review	10
92	Mortality surveillance and verbal autopsy strategies: experiences, challenges and lessons learnt in Papua New Guinea	1	Article	3
93	A systematic review of the burden of hypertension, access to services and patient views of hypertension in humanitarian crisis settings	1	Review	2
94	Making sense of the evidence in population health intervention research: building a dry stone wall	1	Article	7
95	Trust, culture and communication: determinants of eye health and care among Indigenous people with diabetes in Australia	1	Article	8
96	The role of gender inclusive leadership during the COVID-19 pandemic to support vulnerable populations in conflict settings	0	Editorial Material	4
97	Article processing charges are stalling the progress of African researchers: a call for urgent reforms	1	Editorial Material	7
98	Effect of home-based newborn care on neonatal and infant mortality: a cluster randomised trial in India	1	Article	2
99	Implementation of health and health-related sustainable development goals: progress, challenges and opportunities - a systematic literature review	1	Review	3
100	COVID-19 stressors on migrant workers in Kuwait: cumulative risk considerations	0	Article	19
101	Large-scale public venues as medical emergency sites in disasters: lessons from COVID-19 and the use of Fangcang shelter hospitals in Wuhan, China	0	Review	20
102	Community-based interventions for detection and management of diabetes and hypertension in underserved communities: a mixed-methods evaluation in Brazil, India, South Africa and the USA	1	Article	8
103	The magnitude and determinants of violence against healthcare workers in Pakistan	1	Article	4
104	Continued nursing education in low-income and middle-income countries: a narrative synthesis	1	Article	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
105	Rural-urban health-seeking behaviours for non-communicable diseases in Sierra Leone	1	Article	8
106	Estimating uncertainty in geospatial modelling at multiple spatial resolutions: the pattern of delivery via caesarean section in Tanzania	1	Article	1
107	Enhancing the use of stakeholder analysis for policy implementation research: towards a novel framing and operationalised measures	1	Article	3
108	The socioeconomic dynamics of trends in female genital mutilation/cutting across Africa	1	Article	1
109	Understanding and comparing HIV-related law and policy environments: cross-national data and accountability for the global AIDS response	1	Article	2
110	Gender-transformative programming with men and boys to improve sexual and reproductive health and rights: a systematic review of intervention studies	1	Review	9
111	Stringent containment measures without complete city lockdown to achieve low incidence and mortality across two waves of COVID-19 in Hong Kong	0	Article	10
112	BCG skin reactions by 2 months of age are associated with better survival in infancy: a prospective observational study from Guinea-Bissau	1	Article	9
113	Safety decision-making and planning mobile app for intimate partner violence prevention and response: randomised controlled trial in Kenya	1	Article	1
114	Europe should lead in coordinated procurement of quality-assured medicines for programmes in low-income and middle-income countries	1	Editorial Material	2
115	Intended and unintended effects: community perspectives on a performance-based financing programme in Malawi	1	Article	2
116	Building HIV healthcare worker capacity through telehealth in Vietnam	1	Article	3
117	Effects of improved complementary feeding and improved water, sanitation and hygiene on early child development among HIV-exposed children: substudy of a cluster randomised trial in rural Zimbabwe	1	Article	6

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
118	Quality assurance systems of pharmaceutical distributors in low-income and middle-income countries: weaknesses and ways forward	1	Article	2
119	Whole-genome sequencing as part of national and international surveillance programmes for antimicrobial resistance: a roadmap	1	Article	12
120	Impact of financial management centralisation in a health system under austerity: a qualitative study from South Africa	1	Article	1
121	Willingness to comply with physical distancing measures against COVID-19 in four African countries	0	Editorial Material	3
122	A vulnerability index for COVID-19: spatial analysis at the subnational level in Kenya	0	Article	15
123	A checklist to improve health system resilience to infectious disease outbreaks and natural hazards	1	Article	2
124	An analysis of clinical predictive values for radiographic pneumonia in children	1	Article	3
125	Mass azithromycin administration: considerations in an increasingly resistant world	1	Editorial Material	5
126	A rapid risk analysis tool to prioritise response to infectious disease outbreaks	1	Article	1
127	Governance of the Covid-19 response: a call for more inclusive and transparent decision-making	0	Editorial Material	43
128	Delivering water, sanitation and hygiene interventions to women and children in conflict settings: a systematic review	1	Review	4
129	The potential health and revenue effects of a tax on sugar sweetened beverages in Zambia	1	Article	3
130	How to close the maternal and neonatal sepsis gap in sub-Saharan Africa	1	Editorial Material	1
131	Pandemicity, COVID-19 and the limits of public health 'science'	0	Editorial Material	5
132	Paradigms, policies and people: the future of primary health care	1	Editorial Material	2
133	Virginity testing: recommendations for primary care physicians in Europe and North America	1	Article	2
134	The empirical evidence underpinning the concept and practice of person-centred care for serious illness: a systematic review	1	Review	4
135	Fighting non-communicable diseases in East Africa: assessing progress and identifying the next steps	1	Article	2



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
136	India's syndemic of tuberculosis and COVID-19	0	Editorial Material	15
137	Village-level climate and weather variability, mediated by village-level crop yield, is associated with linear growth in children in Uganda	1	Article	1
138	Psychiatric care use among migrants to Sweden compared with Swedish-born residents: a longitudinal cohort study of 5 150 753 people	1	Article	5
139	Implementation of the new WHO antenatal care model for a positive pregnancy experience: a monitoring framework	1	Article	7
140	Lessons from developing, implementing and sustaining a participatory partnership for children's surgical care in Tanzania	1	Article	1
141	International migration and health: it is time to go beyond conventional theoretical frameworks	1	Article	8
142	Pregnancy cohorts and biobanking in sub-Saharan Africa: a systematic review	1	Review	1
143	Leapfrogging laboratories: the promise and pitfalls of high-tech solutions for antimicrobial resistance surveillance in low-income settings	1	Article	7
144	Towards inclusionary and diversity-sensitive public health: the consequences of exclusionary othering in public health using the example of COVID-19 management in German reception centres and asylum camps	0	Article	3
145	Boys are more likely to be undernourished than girls: a systematic review and meta-analysis of sex differences in undernutrition	1	Review	17
146	Thinking differently: lessons learned by international public health specialists while supporting the Integrated Disease Surveillance and Response system in Pakistan	1	Article	0
147	Systematic review of frameworks used to conceptualise health pathways of individuals diagnosed with cardiovascular diseases	1	Review	0
148	Global strategies and local implementation of health and health-related SDGs: lessons from consultation in countries across five regions	1	Article	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
149	Health system governance: a triangle of rules	1	Editorial Material	3
150	Community engagement in outbreak response: lessons from the 2014-2016 Ebola outbreak in Sierra Leone	1	Review	9
151	Health systems governance: the missing links	1	Editorial Material	8
152	Epidemiology of multimorbidity in conditions of extreme poverty: a population-based study of older adults in rural Burkina Faso (vol 5, e002096, 2020)	1	Correction	0
153	Barriers and facilitators influencing facility-based childbirth in rural Haiti: a mixed method study with a convergent design	1	Article	3
154	Quantifying the cost of in-kind contributions to a multidonor-funded health research capacity-building programme: the case of the Consortium for Advanced Research Training in Africa	1	Article	1
155	The frequency and clinical presentation of Zika virus coinfections: a systematic review	1	Review	4
156	Longitudinal path analysis of depressive symptoms and functioning among women of child-rearing age in postconflict Timor-Leste	1	Article	0
157	Are low and middle-income countries prioritising high-value healthcare interventions?	1	Article	2
158	Labour companionship and women's experiences of mistreatment during childbirth: results from a multi-country community-based survey	1	Article	3
159	Ten years of progress towards universal health coverage: has China achieved equitable healthcare financing?	1	Article	1
160	How many human pathogens are there in Laos? An estimate of national human pathogen diversity and analysis of historical trends	1	Article	1
161	Health system resilience in managing the COVID-19 pandemic: lessons from Singapore	0	Article	19
162	Bridging Western and Indigenous knowledge through intercultural dialogue: lessons from participatory research in Mexico	1	Article	5

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
163	The civil registration system is a potentially viable data source for reliable subnational mortality measurement in India	1	Article	5
164	Level of confidence in and endorsement of the health system among internet users in 12 low-income and middle-income countries	1	Article	4
165	Practical metrics for establishing the health benefits of research to support research prioritisation	1	Article	2
166	An analysis of International Health Regulations Emergency Committees and Public Health Emergency of International Concern Designations	1	Article	23
167	Missing men with tuberculosis: the need to address structural influences and implement targeted and multidimensional interventions	1	Article	10
168	Long-term change in the prevalence of intimate partner violence: a 20-year follow-up study in Leon, Nicaragua, 1995-2016	1	Article	3
169	The CURE Protocol: evaluation and external validation of a new public health strategy for treating paediatric hydrocephalus in low-resource settings	1	Article	1
170	Thinking beyond implementation: context and culture in global mental health	1	Editorial Material	1
171	Differential yield of universal versus selective drug susceptibility testing of patients with tuberculosis in high-burden countries: a systematic review and meta-analysis	1	Review	1
172	Effects of food policy actions on Indigenous Peoples' nutrition-related outcomes: a systematic review	1	Review	3
173	The impact of a health facility construction campaign on health service utilisation and outcomes: analysis of spatially linked survey and facility location data in Ethiopia	1	Article	0
174	COVID-19: transformative actions for more equitable, resilient, sustainable societies and health systems in the Americas	0	Editorial Material	6
175	Global health and human rights for a postpandemic world	1	Editorial Material	0
176	Fostering global primary care research: a capacity-building approach	1	Article	4

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
177	Understanding efficiency and the effect of pay-for-performance across health facilities in Tanzania	1	Article	2
178	Addressing power imbalances in global health: Pre-Publication Support Services (PREPSS) for authors in low-income and middle-income countries	1	Article	6
179	Psychological resilience, fragility and the health workforce: lessons on pandemic preparedness from Liberia and Sierra Leone	1	Editorial Material	1
180	Building back from the ground up: the vital role of communities	1	Editorial Material	2
181	Advances and challenges on the path toward the SDGs: subnational inequalities in Mexico, 1990-2017	1	Article	1
182	The impact of implementing the 2016 WHO Recommendations on Antenatal Care for a Positive Pregnancy Experience on perinatal deaths: an interrupted time-series analysis in Mpumalanga province, South Africa	1	Article	2
183	For malaria elimination India needs a platform for data integration	1	Editorial Material	7
184	The impact of physician migration on mortality in low and middle-income countries: an economic modelling study	1	Article	7
185	Reduction in healthcare services during the COVID-19 pandemic in China	0	Article	15
186	What will it take to implement health and health-related sustainable development goals?	1	Editorial Material	3
187	Towards health market systems changes for migrant workers based on the COVID-19 experience in Singapore	0	Editorial Material	5
188	Institutionalising global health: a call for ethical reflection	1	Article	4
189	Impact of the societal response to COVID-19 on access to healthcare for non-COVID-19 health issues in slum communities of Bangladesh, Kenya, Nigeria and Pakistan: results of pre-COVID and COVID-19 lockdown stakeholder engagements	0	Article	56
190	Medicine is a social science: COVID-19 and the tragedy of residential care facilities in high-income countries	0	Editorial Material	3
191	The International Diet-Health Index: a novel tool to evaluate diet quality for cardiometabolic health across countries	1	Article	1
192	The cost of maternal health services in low-income and middle-income countries from a provider's perspective: a	1	Review	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	systematic review			
193	Shifting the paradigm: using disease outbreaks to build resilient health systems	1	Editorial Material	4
194	Reduction of secondary transmission of SARS-CoV-2 in households by face mask use, disinfection and social distancing: a cohort study in Beijing, China	0	Article	135
195	Cuba y seguridad sanitaria mundial: Cuba's role in global health security	1	Article	1
196	Evaluating the declarations of open defecation free status under the Swachh Bharat ('Clean India') Mission: repeated cross-sectional surveys in Rajasthan, India	1	Article	3
197	The impacts of combined social and economic empowerment training on intimate partner violence, depression, gender norms and livelihoods among women: an individually randomised controlled trial and qualitative study in Afghanistan	1	Article	3
198	Modelling interventions to control COVID-19 outbreaks in a refugee camp	0	Article	6
199	Setting the standard: multidisciplinary hallmarks for structural, equitable and tracked antibiotic policy	1	Review	12
200	The relationship between social risk factors and latent tuberculosis infection among individuals residing in England: a cross-sectional study	1	Article	0
201	What COVID-19 may teach us about interdisciplinarity	0	Editorial Material	4
202	Intimate partner violence, contextual factors and under-5 mortality: a multilevel analysis of cross-sectional surveys from 20 Sub-Saharan African countries	1	Article	0
203	The cost-effectiveness of using performance-based financing to deliver the basic package of health services in Afghanistan	1	Article	2
204	Panacea or pitfall? The introduction of community health extension workers in Uganda	1	Editorial Material	2
205	Universal masking for COVID-19: evidence, ethics and recommendations	0	Editorial Material	10
206	The relatively young and rural population may limit the spread and severity of COVID-19 in Africa: a modelling study	0	Article	49

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
207	Antimicrobial resistance in the Pacific Island countries and territories	1	Article	5
208	Delivering infectious disease interventions to women and children in conflict settings: a systematic review	1	Review	2
209	Staying afloat: community perspectives on health system resilience in the management of pregnancy and childbirth care during floods in Cambodia	1	Article	5
210	The impact of scaling up cervical cancer screening and treatment services among women living with HIV in Kenya: a modelling study	1	Article	1
211	Modelling the COVID-19 pandemic in context: an international participatory approach	0	Article	8
212	Inequities in the incidence and safety of abortion in Nigeria	1	Article	10
213	Analysis of clinical knowledge, absenteeism and availability of resources for maternal and child health: a cross-sectional quality of care study in 10 African countries	1	Article	3
214	Lockdown measures in response to COVID-19 in nine sub-Saharan African countries	0	Article	46
215	The compatibility of reductionistic and complexity approaches in a sociomedical innovation perspective	1	Article	2
216	Search without rescue? Evaluating the international search and rescue response to earthquake disasters	1	Article	2
217	Population health, economics and ethics in the age of COVID-19	0	Article	2
218	Ethical issues in intervention studies on the prevention and management of diabetes and hypertension in sub-Saharan Africa	1	Editorial Material	3
219	Incidence of treatment for postabortion complications in India, 2015	1	Article	0
220	The cost-effectiveness of using results-based financing to reduce maternal and perinatal mortality in Malawi	1	Article	2
221	Legal preparedness as part of COVID-19 response: the first 100 days in Taiwan	0	Editorial Material	3
222	Mobile applications addressing violence against women: a systematic review	1	Review	9
223	Making sense of emerging evidence on the non-specific effects of the BCG vaccine on malaria risk and neonatal	1	Editorial Material	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	mortality			
224	Mental health conditions after snakebite: a scoping review	1	Review	3
225	Towards the real-time inclusion of sex- and age-disaggregated data in pandemic responses	1	Editorial Material	8
226	Factors influencing inappropriate use of antibiotics in outpatient and community settings in China: a mixed-methods systematic review	1	Review	8
227	Tailored support for national NCD policy and programme implementation: an over-looked priority	1	Review	1
228	Health system governance: welcoming the reboot	1	Editorial Material	5
229	Patient pathways of tuberculosis care-seeking and treatment: an individual-level analysis of National Health Insurance data in Taiwan	1	Article	3
230	Income security in times of ill health: the next frontier for the SDGs	1	Editorial Material	4
231	Global health beyond geographical boundaries: reflections from global health education	1	Editorial Material	7
232	Time-critical conditions: assessment of burden and access to care using verbal autopsy in Agincourt, South Africa	1	Article	6
233	Delivering non-communicable disease interventions to women and children in conflict settings: a systematic review	1	Review	4
234	Delivering mental health and psychosocial support interventions to women and children in conflict settings: a systematic review	1	Review	7
235	The differential impact of economic recessions on health systems in middle-income settings: a comparative case study of unequal states in Brazil	1	Article	1
236	Surgathon: a new model for creating a surgical innovation ecosystem in low-resource settings	1	Article	1
237	Lessons from a multidisciplinary partnership involving women parliamentarians to address the overuse of caesarean section in Italy	1	Article	3
238	Development of measures for assessing mistreatment of women during facility-based childbirth based on labour	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	observations			
239	The role of HIV viral load in mathematical models of HIV transmission and treatment: a review	1	Review	1
240	Use of interrupted time series methods in the evaluation of health system quality improvement interventions: a methodological systematic review	1	Review	14
241	Shortages and price variability of essential cytotoxic medicines for treating children with cancers	1	Article	1
242	SMART Vaccines 2.0 decision-support platform: a tool to facilitate and promote priority setting for sustainable vaccination in resource-limited settings	1	Article	2
243	Gestational weight gain in low-income and middle-income countries: a modelling analysis using nationally representative data	1	Article	6
244	Population impact and effectiveness of sequential 13-valent pneumococcal conjugate and monovalent rotavirus vaccine introduction on infant mortality: prospective birth cohort studies from Malawi	1	Article	1
245	Evaluating performance-based financing in low-income and middle-income countries: the need to look beyond average effect	1	Editorial Material	2
246	Facilities are substantially more influential than care providers in the quality of delivery care received: a variance decomposition and clustering analysis in Kenya, Malawi and India	1	Article	0
247	How (not) to write about global health	1	Editorial Material	12
248	COVID-19 travel restrictions and the International Health Regulations (2005)	0	Editorial Material	8
249	Market-driven, value-based, advance commitment (MVAC): accelerating the development of a pathbreaking universal drug regimen to end TB	1	Editorial Material	0
250	How men who have sex with men experience HIV health services in Kampala, Uganda	1	Article	5
251	Justice: a key consideration in health policy and systems research ethics	1	Article	4



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
252	External funding to strengthen capacity for research in low-income and middle-income countries: exigence, excellence and equity	1	Editorial Material	3
253	Toward improving respectful maternity care: a discrete choice experiment with rural women in northeast Nigeria	1	Article	2
254	Closing the inequality gaps in reproductive, maternal, newborn and child health coverage: slow and fast progressors	1	Article	5
255	Managing outbreaks of highly contagious diseases in prisons: a systematic review	1	Review	12
256	Field sales force model to increase adoption of a novel tuberculosis diagnostic test among private providers: evidence from India	1	Article	0
257	Women's report of mistreatment during facility-based childbirth: validity and reliability of community survey measures	1	Article	0
258	Health and human rights are inextricably linked in the COVID-19 response	0	Article	13
259	Barriers to maternal health services during the Ebola outbreak in three West African countries: a literature review	1	Review	7
260	Decolonising Global (Public) Health: from Western universalism to Global pluriversalities	1	Editorial Material	21
261	Time trends and determinants of breastfeeding practices among adolescents and young women in Nigeria, 2003-2018	1	Article	5
262	The contribution of grandmother involvement to child growth and development: an observational study in rural Pakistan	1	Article	5
263	Patient-centric research in the time of COVID-19: conducting ethical COVID-19 research in Africa	0	Editorial Material	1
264	Income security during public health emergencies: the COVID-19 poverty trap in Vietnam	0	Editorial Material	10
265	Modelling the cost-effectiveness of introducing subsidised malaria rapid diagnostic tests in the private retail sector in sub-Saharan Africa	1	Article	1
266	Facial protection for healthcare workers during pandemics: a scoping review	1	Review	37
267	YouTube as a source of information on COVID-19: a pandemic of misinformation?	0	Article	98
268	Revolving doors and conflicts of interest in health regulatory agencies in Brazil	1	Editorial Material	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
269	Addressing inequities in the global burden of maternal undernutrition: the role of targeting	1	Editorial Material	8
270	Behavioural insights to support increased consumption of quality protein maize by young children: a cluster randomised trial in Ethiopia	1	Article	1
271	Systems thinking for health emergencies: use of process mapping during outbreak response	1	Article	0
272	Aligning diagnostics to the point-of-care: lessons for innovators, evaluators and decision-makers from tuberculosis and HIV	1	Article	1
273	'Dark matter', second waves and epidemiological modelling	1	Article	2
274	Assessing the efficiency of countries in making progress towards universal health coverage: a data envelopment analysis of 172 countries	1	Article	7
275	Assessing the value of human papillomavirus vaccination in Gavi-eligible low-income and middle-income countries	1	Article	2
276	The value proposition of the Global Health Security Index	1	Article	10
277	Malaria vector control in sub-Saharan Africa in the time of COVID-19: no room for complacency	0	Editorial Material	2
278	Intersectoral policy on industries that produce unhealthy commodities: governing in a new era of the global economy?	1	Article	5
279	WHO recommendations on antenatal nutrition: an update on multiple micronutrient supplements	1	Editorial Material	0
280	Modelling the pandemic: attuning models to their contexts	1	Article	14
281	How to prevent and address safeguarding concerns in global health research programmes: practice, process and positionality in marginalised spaces	1	Review	2
282	COVID-19: the rude awakening for the political elite in low- and middle-income countries	0	Editorial Material	4
283	Why global health can offer more on gender	1	Editorial Material	0
284	The influence of distance and quality on utilisation of birthing services at health facilities in Eastern Region, Ghana	1	Article	10
285	The distance-quality trade-off in women's choice of family planning provider in North Eastern Tanzania	1	Article	5

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
286	The impacts of corporatisation of healthcare on medical practice and professionals in Maharashtra, India	1	Article	1
287	Associations of women's empowerment with neonatal, infant and under-5 mortality in low- and /middle-income countries: meta-analysis of individual participant data from 59 countries	1	Article	8
288	Impact of school-based malaria case management on school attendance, health and education outcomes: a cluster randomised trial in southern Malawi	1	Article	1
289	Integrated digital system for community engagement and community-based surveillance during the 2014-2016 Ebola outbreak in Sierra Leone: lessons for future health emergencies	1	Article	1
290	Incentivising wealthy nations to participate in the COVID-19 Vaccine Global Access Facility (COVAX): a game theory perspective	0	Editorial Material	14
291	Finding the missing millions: lessons from 10 active case finding interventions in high tuberculosis burden countries	1	Editorial Material	4
292	Towards better targeting: lessons from a posthoneymoon measles outbreak in Madagascar, 2018-2019	1	Editorial Material	0
293	How the internet increases modern contraception uptake: evidence from eight sub-Saharan African countries	1	Article	0
294	Does economic growth reduce childhood stunting? A multicountry analysis of 89 Demographic and Health Surveys in sub-Saharan Africa	1	Article	2
295	Decolonising global health: if not now, when?	1	Editorial Material	44
296	Impact of a free care policy on the utilisation of health services during an Ebola outbreak in the Democratic Republic of Congo: an interrupted time-series analysis	1	Article	4
297	Linking coping strategies to locally-perceived aetiologies of mental distress in northern Rwanda	1	Article	3
298	Searching for accountability: can the WHO global action plan for refugees and migrants deliver?	1	Editorial Material	1
299	Towards a socially just model: balancing hunger and response to the COVID-19 pandemic in Bangladesh	0	Editorial Material	6
300	Innovative financing to fund surgical systems and expand surgical care in low-income and middle-income countries	1	Article	5

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
301	Regulating international clinical research: an ethical framework for policy-makers	1	Article	3
302	The impact of COVID-19 on HIV financing in Nigeria: a call for proactive measures	0	Editorial Material	7
303	Inequalities in early childhood care and development in low/middle-income countries: 2010-2018	1	Article	31
304	The predictive power of health system environments: a novel approach for explaining inequalities in access to maternal healthcare	1	Article	1
305	Validation analysis of Global Health Security Index (GHSI) scores 2019	1	Article	8
306	Surgical site infection after gastrointestinal surgery in children: an international, multicentre, prospective cohort study	1	Article	1
307	District-level health system strengthening for universal health coverage: evidence from a longitudinal cohort study in rural Madagascar, 2014-2018	1	Article	1
308	Engaging culture and context in mhGAP implementation: fostering reflexive deliberation in practice	1	Article	2
309	'I do what a woman should do': a grounded theory study of women's menstrual experiences at work in Mukono District, Uganda	1	Article	6
310	Empiricism in non-communicable disease mortality measurement for the Asia-Pacific: lost in translation	1	Article	2
311	Cost-effectiveness analysis of tranexamic acid for the treatment of traumatic brain injury, based on the results of the CRASH-3 randomised trial: a decision modelling approach	1	Article	5
312	The WHO Global Benchmarking Tool: a game changer for strengthening national regulatory capacity	1	Article	9
313	Combining parenting and economic strengthening programmes to reduce violence against children: a cluster randomised controlled trial with predominantly male caregivers in rural Tanzania	1	Article	5
314	The potential global gains in health and revenue from increased taxation of tobacco, alcohol and sugar-sweetened beverages: a modelling analysis (vol 5, e002143, 2020)	1	Correction	0
315	Smokeless tobacco control in India: policy review and lessons for high-burden countries	1	Review	7

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
316	Hypothesis to explain the severe form of COVID-19 in Northern Italy	0	Editorial Material	12
317	Voices from the frontline: findings from a thematic analysis of a rapid online global survey of maternal and newborn health professionals facing the COVID-19 pandemic	0	Article	51
318	Evidence from the Kaduna State Health Accounts on the pattern of sub-national health spending in Nigeria, 2016	1	Article	0
319	The good and the bad: using C reactive protein to distinguish bacterial from non-bacterial infection among febrile patients in low-resource settings	1	Article	9
320	Community health workers and early detection of breast cancer in low-income and middle-income countries: a systematic scoping review of the literature	1	Review	7
321	Ethical considerations in global surgery: a scoping review	1	Review	6
322	Estimating the incidence of abortion: a comparison of five approaches in Ghana	1	Article	8
323	The impact of gender equity in agriculture on nutritional status, diets, and household food security: a mixed-methods systematic review	1	Review	4
324	Towards universal health coverage: achievements and challenges of 10 years of healthcare reform in China	1	Article	10
325	What is considered as global health scholarship? A meta-knowledge analysis of global health journals and definitions	1	Article	2
326	Extending the measurement of quality beyond service delivery indicators	1	Editorial Material	0
327	Availability and affordability of medicines and cardiovascular outcomes in 21 high-income, middle-income and low-income countries	1	Article	7
328	Targeting anticorruption interventions at the front line: developmental governance in health systems	1	Article	3
329	Are asylum seekers, refugees and foreign migrants considered in the COVID-19 vaccine discourse?	0	Editorial Material	14
330	Spatial-temporal trends in forced migrant mortality, 2014-2018	1	Article	0
331	In pursuit of 'safe' water: the burden of personal injury from water fetching in 21 low-income and middle-income	1	Article	13

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	countries			
332	Impact of overweight and obesity on life expectancy, quality-adjusted life years and lifetime costs in the adult population of Ghana	1	Article	1
333	Toward a complete estimate of physical and psychosocial morbidity from prolonged obstructed labour: a modelling study based on clinician survey	1	Article	2
334	The 6-star doctor? Physicians' communication of poor prognosis to patients and their families in Cape Coast, Ghana	1	Article	1
335	The reactive vaccination campaign against cholera emergency in camps for internally displaced persons, Borno, Nigeria, 2017: a two-stage cluster survey	1	Article	0
336	Is it about the 'where' or thSare 'how'? Comment on Defining global health as public health somewhere else	1	Editorial Material	2
337	Progress on sodium reduction in South Korea	1	Article	9
338	Adopting locally the lessons learned globally: a call to action for academic medical centres in the USA	1	Editorial Material	0
339	The potential global gains in health and revenue from increased taxation of tobacco, alcohol and sugar-sweetened beverages: a modelling analysis	1	Article	6
340	Reducing maternal mortality in China in the era of the two-child policy	1	Article	11
341	The quality of malaria care in 25 low-income and middle-income countries	1	Article	1
342	Mass media campaigns to reduce unnecessary caesarean sections: a systematic review	1	Review	5
343	Are the poorest poor being left behind? Estimating global inequalities in reproductive, maternal, newborn and child health	1	Article	3
344	Protecting essential health services in low-income and middle-income countries and humanitarian settings while responding to the COVID-19 pandemic	0	Article	13
345	Subsidise the test, the treatment or both? Results of an individually randomised controlled trial of the management of	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	suspected malaria fevers in the retail sector in western Kenya			
346	Building a new platform to support public health emergency response in Africa: the AFENET Corps of Disease Detectives, 2018-2019	1	Article	0
347	Delivering maternal and neonatal health interventions in conflict settings: a systematic review	1	Review	2
348	Spatial and spatio-temporal methods for mapping malaria risk: a systematic review	1	Review	5
349	Is time running out? The urgent need for appropriate global health curricula in Germany	1	Article	1
350	On the path to Universal Health Coverage: aligning ongoing health systems reforms in India	1	Editorial Material	1
351	WICID framework version 1.0: criteria and considerations to guide evidence-informed decision-making on non-pharmacological interventions targeting COVID-19	0	Article	4
352	Cost-effectiveness of new antiviral treatments for non-genotype 1 hepatitis C virus infection in China: a societal perspective	1	Article	1
353	Does adherence to evidence-based practices during childbirth prevent perinatal mortality? A post-hoc analysis of 3,274 births in Uttar Pradesh, India	1	Article	0
354	Community engagement for successful COVID-19 pandemic response: 10 lessons from Ebola outbreak responses in Africa	0	Editorial Material	9
355	How to set up government-led national hygiene communication campaigns to combat COVID-19: a strategic blueprint	0	Article	2
356	Effectiveness of primary care gatekeeping: difference-in-differences evaluation of a pilot scheme in China	1	Article	1
357	Refocusing vitamin A supplementation programmes to reach the most vulnerable	1	Article	4
358	Fairer financing of vaccines in a world living with COVID-19	0	Editorial Material	1
359	The community health worker as service extender, cultural broker and social change agent: a critical interpretive synthesis of roles, intent and accountability	1	Article	11

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
360	Improving the demand for birth registration: a discrete choice experiment in Ethiopia	1	Article	0
361	COVID-19: time for paradigm shift in the nexus between local, national and global health	0	Editorial Material	22
362	Making sense of estimates of health aid from China	1	Editorial Material	1
363	The household economic burden of non-communicable diseases in 18 countries	1	Article	16
364	Strengthening medical specialisation policy in low-income and middle-income countries	1	Article	0
365	Who are the real community health workers in Tshopo Province, Democratic Republic of the Congo? (vol 5, e001529corr1, 2020)	1	Correction	0
366	Community interventions with women's groups to improve women's and children's health in India: a mixed-methods systematic review of effects, enablers and barriers	1	Review	1
367	Health system redesign for equity in maternal and newborn health must be codesigned, country led, adapted to context and fit for purpose	1	Editorial Material	3
368	Postneonatal under-5 mortality in peri-urban and rural Eastern Uganda, 2005-2015	1	Article	0
369	Comparison of detection rate of 16 sampling methods for respiratory viruses: a Bayesian network meta-analysis of clinical data and systematic review	1	Review	2
370	'Severe malnutrition': thinking deeplyS, communicating simply	1	Editorial Material	8
371	Women's experiences of mistreatment during childbirth and their satisfaction with care: findings from a multicountry community-based study in four countries	1	Article	2
372	A systematic review and meta-analysis of the consequences of female genital mutilation on maternal and perinatal health outcomes in European and African countries	1	Review	1
373	Social media and vaccine hesitancy	1	Article	124
374	Reclaiming comprehensive public health	1	Editorial Material	27



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
375	Allocating resources to support universal health coverage: development of a geographical funding formula in Malawi	1	Article	1
376	Effect of exposure to PM(10) on child health: evidence based on a large-scale survey from 184 cities in India	1	Article	0
377	Implementing sustainable primary healthcare reforms: strategies from Costa Rica	1	Review	2
378	Enhancing science preparedness for health emergencies in Africa through research capacity building	1	Editorial Material	3
379	The Al Hol camp in Northeast Syria: health and humanitarian challenges	1	Editorial Material	0
380	Just-in-time postnatal education programmes to improve newborn care practices: needs and opportunities in low-resource settings	1	Article	0
381	Mitigating the impact of COVID-19 on children's surgery in Africa	0	Editorial Material	2
382	Engaging men to transform inequitable gender attitudes and prevent intimate partner violence: a cluster randomised controlled trial in North and South Kivu, Democratic Republic of Congo	1	Article	7
383	The promise and pitfalls of social science research in an emergency: lessons from studying the Zika epidemic in Brazil, 2015-2016	1	Article	3
384	Is development aid to strengthen health systems during protracted conflict a useful investment? The case of South Sudan, 2011-2015	1	Article	2
385	How antibiotics are used in pig farming: a mixed-methods study of pig farmers, feed mills and veterinarians in Thailand	1	Article	10
386	Childhood morbidity and its determinants: evidence from 31 countries in sub-Saharan Africa	1	Article	4
387	Bridging research integrity and global health epidemiology (BRIDGE) statement: guidelines for good epidemiological practice	1	Article	2
388	Bridging research integrity and global health epidemiology (BRIDGE) guidelines: explanation and elaboration	1	Article	2
389	Documenting the challenges of conducting research on sexual and reproductive health and rights (SRHR) of persons with disabilities in a low-and-middle income country setting: lessons from Bangladesh	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
390	Multilevel modelling and multiple group analysis of disparities in continuity of care and viral suppression among adolescents and youths living with HIV in Nigeria	1	Article	0
391	Intimate partner violence in 46 low-income and middle-income countries: an appraisal of the most vulnerable groups of women using national health surveys	1	Article	21
392	Establishment of a road traffic trauma registry for northern Sri Lanka	1	Article; Proceedings Paper	2
393	Closing the gap on institutional delivery in northern India: a case study of how integrated machine learning approaches can enable precision public health	1	Article	2
394	Timing and determinants of age at menarche in low-income and middle-income countries	1	Article	3
395	Unprecedented reduction in births of very low birthweight (VLBW) and extremely low birthweight (ELBW) infants during the COVID-19 lockdown in Ireland: a 'natural experiment' allowing analysis of data from the prior two decades	0	Article	59
396	Using strategic price negotiations to contain costs and expand access to medicines in China	1	Editorial Material	2
397	Embedded research to advance primary health care	1	Editorial Material	5
398	The international and domestic politics of type 2 diabetes policy reform in Brazil	1	Article	0
399	Transmission risk of respiratory viruses in natural and mechanical ventilation environments: implications for SARS-CoV-2 transmission in Africa	0	Article	3
400	Together we move a mountain: celebrating a decade of the Emerging Voices for Global Health network	1	Editorial Material	1
401	Prioritising the role of community health workers in the COVID-19 response	0	Article	35
402	Spatial and epidemiological drivers of <i>Plasmodium falciparum</i> malaria among adults in the Democratic Republic of the Congo	1	Article	5
403	Power and politics: the case for linking resilience to health system governance	1	Editorial Material	15

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
404	Better data for better action: rethinking road injury data in francophone West Africa	1	Editorial Material	3
405	The potential effects of widespread community transmission of SARS-CoV-2 infection in the World Health Organization African Region: a predictive model	0	Article	30
406	Gendered implications of the COVID-19 pandemic for policies and programmes in humanitarian settings	0	Editorial Material	9
407	Validating women's reports of antenatal and postnatal care received in Bangladesh, Cambodia and Kenya	1	Article	7
408	Advancing alcohol research in low-income and middle-income countries: a global alcohol environment framework	1	Article	14
409	Ending TB in Southeast Asia: current resources are not enough	1	Article	3
410	Implementing essential interventions for cardiovascular disease risk management in primary healthcare: lessons from Eastern Europe and Central Asia	1	Article	2
411	Women, children and adolescents in conflict countries: an assessment of inequalities in intervention coverage and survival	1	Article	5
412	Plasmodium falciparum resistance to sulfadoxine-pyrimethamine in Africa: a systematic analysis of national trends	1	Article	3
413	Combating the COVID-19 pandemic in a resource-constrained setting: insights from initial response in India	0	Article	8
414	Intimate partner violence among women with and without disabilities: a pooled analysis of baseline data from seven violence-prevention programmes	1	Article	3
415	Country performance against COVID-19: rankings for 35 countries	0	Article	5
416	Planning prompts to promote uptake of HIV services among men: a randomised trial in rural Uganda	1	Article	0
417	Using 'smart regulation' to tackle antimicrobial resistance in low-income and middle-income countries	1	Editorial Material	3
418	The syndemic of COVID-19 and gender-based violence in humanitarian settings: leveraging lessons from Ebola in the Democratic Republic of Congo	0	Editorial Material	4
419	Reusability of filtering facepiece respirators after decontamination through drying and germicidal UV irradiation	1	Article	4

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
420	Towards systematic evaluation of epidemic responses during humanitarian crises: a scoping review of existing public health evaluation frameworks	1	Review	6
421	Understanding why at-risk population segments do not seek care for tuberculosis: a precision public health approach in South India	1	Article	3
422	Using critical information to strengthen pandemic preparedness: the role of national public health agencies	1	Article	7
423	Cost and cost drivers associated with setting-up a prime vendor system to complement the national medicines supply chain in Tanzania	1	Article	0
424	Policy dialogue as a collaborative tool for multistakeholder health governance: a scoping study	1	Article	3
425	The health of internally displaced children in sub-Saharan Africa: a scoping review	1	Review	0
426	The role of the state government, civil society and programmes across sectors in stunting reduction in Chhattisgarh, India, 2006-2016	1	Article	1
427	Measurement and accountability for maternal, newborn and child health: fit for 2030?	1	Editorial Material	4
428	Community health workers for pandemic response: a rapid evidence synthesis	1	Article	24
429	Bridging a false dichotomy in the COVID-19 response: a public health approach to the 'lockdown' debate	0	Editorial Material	12
430	Using implementation science theories and frameworks in global health	1	Article	16
431	Understanding pretreatment loss to follow-up of tuberculosis patients: an explanatory qualitative study in Chennai, India	1	Article	6
432	The availability of global guidance for the promotion of women's, newborns', children's and adolescents' health and nutrition in conflicts	1	Article	3
433	Undernutrition, polygynous context and family structure: a multilevel analysis of cross-sectional surveys of 350 000 mother-child pairs from 32 countries	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
434	Community engagement for COVID-19 prevention and control: a rapid evidence synthesis	0	Article	53
435	Tuberculosis case fatality in India: a systematic review and meta-analysis	1	Review	7
436	Burden of cardiovascular diseases associated with fine particulate matter in Beijing, China: an economic modelling study	1	Article	2
437	Factors associated with head circumference and indices of cognitive development in early childhood	1	Article	2
438	Symptoms of a broken system: the gender gaps in COVID-19 decision-making	0	Editorial Material	18
439	Travel time and perinatal mortality after emergency caesarean sections: an evaluation of the 2-hour proximity indicator in Sierra Leone	1	Article	5
440	The evolving picture of SARS-CoV-2 and COVID-19 in children: critical knowledge gaps	0	Editorial Material	5
441	COVID-19 as social disability: the opportunity of social empathy for empowerment	0	Editorial Material	4
442	A systematic review of substandard, falsified, unlicensed and unregistered medicine sampling studies: a focus on context, prevalence, and quality	1	Review	4
443	Operational research to support equitable non-communicable disease policy in low-income and middle-income countries in the sustainable development era: a scoping review	1	Review	1
444	Off the back burner: diverse and gender-inclusive decision-making for COVID-19 response and recovery	0	Editorial Material	13
445	Arts-based approaches to promoting health in sub-Saharan Africa: a scoping review	1	Review	6
446	COVID-19: maintaining essential rehabilitation services across the care continuum	0	Editorial Material	49
447	Cost-effectiveness of different strategies for screening and treatment of <i>Strongyloides stercoralis</i> migrants from endemic countries to the European Union	1	Article	5
448	The effects of the integration of an economic strengthening and HIV prevention education programme on the prevalence of sexually transmitted infections and savings behaviours among adolescents: a full-factorial randomised	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	controlled trial in South Africa			
449	Covid-19 and mobile phone hygiene in healthcare settings	0	Editorial Material	9
450	What does 'leave no one behind' mean for humanitarian crises-affected populations in the COVID-19 pandemic?	0	Editorial Material	5
451	Addressing the challenges of regulatory systems strengthening in small states	1	Article	2
452	Lessons from a Health Policy and Systems Research programme exploring the quality and coverage of newborn care in Kenya	1	Article	2
453	Temporal trends in coverage, quality and equity of maternal and child health services in Rwanda, 2000-2015	1	Article	2
454	Not just money: what mothers value in conditional cash transfer programs in India	1	Article	1
455	Build back stronger universal health coverage systems after the COVID-19 pandemic: the need for better governance and linkage with universal social protection	0	Editorial Material	7
456	Predicted COVID-19 fatality rates based on age, sex, comorbidities and health system capacity	0	Article	30
457	Association between early essential newborn care and breastfeeding outcomes in eight countries in Asia and the Pacific: a cross-sectional observational -study	1	Article	9
458	Homecare for sick family members while waiting for medical help during the 2014-2015 Ebola outbreak in Sierra Leone: a mixed methods study	1	Article	1
459	Implementing the routine immunisation data module and dashboard of DHIS2 in Nigeria, 2014-2019	1	Article	0
460	The impact of diabetes on the productivity and economy of Bangladesh	1	Article	6
461	Most of what they do, we cannot do! How lay health workers respond to barriers to uptake and retention in HIV care among pregnant and breastfeeding mothers in Malawi	1	Article	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
462	Diagnostic performance of a point-of-care saliva urea nitrogen dipstick to screen for kidney disease in low-resource settings where serum creatinine is unavailable	1	Article	2
463	Universal access to essential health information: accelerating progress towards universal health coverage and other SDG health targets	1	Article	4
464	Safe management of bodies of deceased persons with suspected or confirmed COVID-19: a rapid systematic review	0	Review	16
465	The prevalence of noma in northwest Nigeria	1	Article	5
466	Delivering trauma and rehabilitation interventions to women and children in conflict settings: a systematic review	1	Review	6
467	Delivery of sexual and reproductive health interventions in conflict settings: a systematic review	1	Review	4
468	How primary healthcare workers obtain information during consultations to aid safe prescribing in low-income and lower middle-income countries: a systematic review	1	Review	1
469	Forty-two years of responding to Ebola virus outbreaks in Sub-Saharan Africa: a review	1	Review	12
470	Achieving flexible competence: bridging the investment dichotomy between infectious diseases and cancer	1	Article	0
471	Bacterial versus non-bacterial infections: a methodology to support use-case-driven product development of diagnostics	1	Article	1
472	Lactational amenorrhoea among adolescent girls in low-income and middle-income countries: a systematic scoping review	1	Review	0
473	Precarity and clinical determinants of healthcare-seeking behaviour and antibiotic use in rural Laos and Thailand	1	Article	4
474	Measuring experiences of facility-based care for pregnant women and newborns: a scoping review	1	Review	6
475	Cash transfers and child nutritional outcomes: a systematic review and meta-analysis	1	Review	5
476	Use of social media platforms by manufacturers to market breast-milk substitutes in South Africa	1	Article	5
477	Empiricism in non-communicable disease mortality measurement for the Asia-Pacific: Lost in translation (vol 5, e003626, 2020)	1	Correction	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
478	Health of transgender men in low-income and middle-income countries: a scoping review	1	Review	7
479	Estimating the cost of interventions to improve water, sanitation and hygiene in healthcare facilities across India	1	Article	1
480	How previous epidemics enable timelier COVID-19 responses: an empirical study using organisational memory theory	0	Article	1
481	Trends and sociodemographic inequalities in the use of caesarean section in Indonesia, 1987-2017	1	Article	2
482	The impact of demonetisation on the utilisation of hospital services, patient outcomes and finances: a multicentre observational study from India	1	Article	0
483	Social and political determinants of health in the occupied Palestine territory (oPt) during the COVID-19 pandemic: who is responsible?	0	Editorial Material	4
484	The cost-effectiveness of hypertension management in low-income and middle-income countries: a review	1	Review	7
485	Factors influencing undernutrition among children under 5 years from cocoa-growing communities in Bougainville	1	Article	1
486	Prevalence and incidence of HIV among female sex workers and their clients: modelling the potential effects of intervention in Rwanda	1	Article	2
487	Ethnic and racial disparities in COVID-19-related deaths: counting the trees, hiding the forest	0	Editorial Material	48
488	The global and national burden of chronic kidney disease attributable to ambient fine particulate matter air pollution: a modelling study	1	Article	16
489	What the percentage of births in facilities does not measure: readiness for emergency obstetric care and referral in Senegal	1	Article	2
490	Reimagining global health as the sharing of power	1	Editorial Material	1
491	Length of maternal schooling and children's risk of malaria infection: evidence from a natural experiment in Uganda	1	Article	0
492	Global health, global surgery and mass casualties: II. Mass casualty centre resources, equipment and implementation	1	Article	2
493	A framework for identifying and learning from countries that demonstrated exemplary performance in improving health	1	Article	4



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	outcomes and systems			
494	Impact of a demand-side integrated WASH and nutrition community-based care group intervention on behavioural change: a randomised controlled trial in western Kenya	1	Article	2
495	Geospatial evaluation of trade-offs between equity in physical access to healthcare and health systems efficiency	1	Article	5
496	Experience and perspectives on palliative or end-of-life care of Chinese people and their families as immigrants to high-income countries: a systematic review and thematic synthesis	1	Review	2
497	Bringing a health systems modelling approach to complex evaluations: multicountry applications in HIV, TB and malaria	1	Article	0
498	Health system redesign for maternal and newborn survival: rethinking care models to close the global equity gap	1	Article	14
499	Learning from LMICs: best practices for leveraging sentinel surveillance systems to track the US COVID-19 pandemic	0	Editorial Material	0
500	Contextual equipoise: a novel concept to inform ethical implications for implementation research in low-income and middle-income countries	1	Article	3
501	Magnitude, temporal trends and inequality in global burden of tracheal, bronchus and lung cancer: findings from the Global Burden of Disease Study 2017	1	Article	3

**Data source:** Web of Science

**Table S3 List of articles published in *Bulletin of the World Health Organization* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	2020: Year of the Nurse and Midwife	1	News Item	0
2	A combination approach of behavioural and biomedical interventions for prevention of sexually transmitted infections	1	Editorial Material	5
3	A comparison of five paediatric dosing guidelines for antibiotics	1	Article	2
4	A disclosure form for work submitted to medical journals - a proposal from the International Committee of Medical Journal Editors	1	Editorial Material	0
5	A monitoring and evaluation gap for WHO's community health worker guidelines, Botswana	1	Editorial Material	0
6	A programme to improve quality of care for patients with chronic diseases, Kazakhstan	1	Article	1
7	A protracted pandemic	0	News Item	0
8	A research and development fund for new treatments for bacterial infections	1	Editorial Material	1
9	A review of policies and programmes for human organ and tissue donations and transplantations, WHO African Region	1	Review	3
10	A survey of nongovernmental organizations on their use of WHO's prequalification programme	1	Article	0
11	Abuse allegations investigated	1	News Item	0
12	Accelerating access to medicines in a changing world	1	Editorial Material	2
13	Accelerating COVID-19 products	0	News Item	0
14	Accelerating regulation in response to COVID-19	0	News Item	2
15	Access to antiretrovirals threatened	1	News Item	0
16	Achieving sustainable health equity	1	Editorial Material	0
17	ACT Accelerator funding gap	0	News Item	0
18	ACT-Accelerator funding gap	0	News Item	0
19	Addressing barriers to primary health-care services for noncommunicable diseases in the African Region	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
20	Addressing social determinants of noncommunicable diseases in primary care: a systematic review	1	Review	7
21	Addressing the persistent inequities in immunization coverage	1	Editorial Material	13
22	Africa wild polio free	1	News Item	0
23	Aid flown to Syria	1	News Item	0
24	Albania earthquake	1	News Item	0
25	Amesh Adalja: taking pandemic preparation seriously	0	News Item	0
26	An end to coercion: rights and decision-making in mental health care	1	Article	10
27	Angela Nguku: for a societal approach to primary health care	1	News Item	0
28	Antenatal steroid efficacy	1	News Item	0
29	Antibiotic research and development guidance	1	News Item	0
30	Artificial intelligence and the ongoing need for empathy, compassion and trust in healthcare	1	Article	11
31	Artificial intelligence in health care: accountability and safety	1	Article	10
32	Artificial intelligence, diagnostic imaging and neglected tropical diseases: ethical implications	1	Editorial Material	1
33	Assessment of health facility quality improvements, United Republic of Tanzania	1	Article	3
34	Balancing risks and benefits of artificial intelligence in the health sector	1	Editorial Material	4
35	Baruch Fischhoff: the importance of testing messages	1	Editorial Material	1
36	Behavioural and social sciences for better health: call for papers	1	Editorial Material	0
37	Beirut explosion	1	News Item	0
38	Beirut explosion	1	News Item	0
39	Breast cancer biosimilar prequalified	1	News Item	0
40	Cancer incidence set to rise	1	News Item	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
41	Charging for the use of survey instruments on population health: the case of quality-adjusted life years	1	Article	0
42	Cheryl Cohen: tracking respiratory diseases, informing policy	1	Editorial Material	0
43	Collaboration on essential diagnostics	1	News Item	0
44	Communities, universal health coverage and primary health care	1	Article	4
45	Contact tracing for tuberculosis, Thailand	1	Article	3
46	Contact tracing for tuberculosis, Thailand (vol 98, pg 212, 2020)	1	Correction	0
47	Cost of HIV inaction	1	News Item	0
48	Cost of maternal near miss and potentially life-threatening conditions, Kenya	1	Article	0
49	Cost-effectiveness of emergency care interventions in low and middle-income countries: a systematic review	1	Review	5
50	Costs of maternity leave to support breastfeeding; Brazil, Ghana and Mexico	1	Article	6
51	COVAX momentum	0	News Item	0
52	COVID 19 and the oxygen bottleneck	0	News Item	2
53	COVID-19 and sustainable development goals	0	Editorial Material	9
54	COVID-19 children's book	0	News Item	0
55	COVID-19 control strategies in Taizhou city, China	0	Article	3
56	COVID-19 diagnostic initiative	0	News Item	0
57	COVID-19 human challenge guidance	0	News Item	0
58	COVID-19 in Africa	0	News Item	0
59	COVID-19 response measures and violence against children	0	Editorial Material	8
60	COVID-19 schools guidance	0	News Item	0
61	COVID-19 solidarity fund	0	News Item	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
62	Cutting trans fats	1	News Item	0
63	Data sharing for novel coronavirus (COVID-19)	0	Editorial Material	35
64	Defining ethical standards for the application of digital tools to population health research	1	Article	4
65	Delivery of essential surgery by family physicians	1	Article	0
66	Developing the health workforce for universal health coverage	1	Article	12
67	Development and implementation of guidelines for the management of depression: a systematic review	1	Review	8
68	Development assistance for community health workers in 114 low- and middle- income countries, 2007-2017	1	Article	11
69	Digital health and COVID-19	0	News Item	4
70	Ebola outbreak winds down	1	News Item	0
71	Ebola outbreak winds down	1	News Item	0
72	Ebola persisting	1	News Item	0
73	Ebola spreading	1	News Item	0
74	Economic evaluation of short treatment for multidrug-resistant tuberculosis, Ethiopia and South Africa: the STREAM trial	1	Article	3
75	Effectiveness of generic direct-acting agents for the treatment of hepatitis C: systematic review and meta-analysis	1	Review	4
76	Emergency care in the pandemic	0	News Item	1
77	Emergency care in the pandemic (vol 98, pg 650, 2020)	0	Correction	0
78	Emergency Financing for COVID-19	0	News Item	0
79	Emergency, critical and operative care services for effective primary care	1	Editorial Material	1
80	Ensuring access to affordable, timely vaccines in emergencies (vol 97, pg 851, 2019)	1	Correction	0
81	Ensuring equitable access to COVID-19 vaccines	0	News Item	4

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
82	Ensuring trustworthy use of artificial intelligence and big data analytics in health insurance	1	Article	4
83	Estimating illicit cigarette consumption using a tax-gap approach, India	1	Article	0
84	Ethical barriers to artificial intelligence in the national health service, United Kingdom of Great Britain and Northern Ireland	1	Editorial Material	4
85	Ethical challenges of digital health technologies: Aadhaar, India	1	Article	3
86	Ethical considerations for mystery shopper studies of pharmaceutical sales	1	Editorial Material	1
87	Ethical dilemmas posed by mobile health and machine learning in psychiatry research	1	Article	10
88	Ethical implications of conversational agents in global public health	1	Editorial Material	6
89	Evaluating the pandemic response	0	News Item	0
90	Evidence of behaviour change during an Ebola virus disease outbreak, Sierra Leone	1	Article	3
91	Fangcang shelter hospitals during the COVID-19 epidemic, Wuhan, China	0	Article	3
92	Female genital mutilation's cost	1	News Item	0
93	Field-testing of primary health-care indicators, India	1	Article	2
94	Finding the SARS-CoV-2 source	0	News Item	0
95	Food insecurity	1	News Item	0
96	Fostering local production of essential medicines in Nigeria	1	Editorial Material	0
97	Four equity considerations for the use of artificial intelligence in public health	1	Editorial Material	5
98	France pledges funds for WHO Academy	1	News Item	0
99	Funding for neglected diseases	1	News Item	0
100	Gaps in access to essential medicines and health products for noncommunicable diseases and mental health conditions	1	Editorial Material	3
101	Global food insecurity	1	News Item	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
102	Global sales of oral antibiotics formulated for children	1	Article	2
103	Gun-carrying restrictions and gun-related mortality, Colombia: a difference-in-difference design with fixed effects	1	Article	3
104	Hand-hygiene compliance by hospital staff and incidence of healthcare-associated infections, Finland	1	Article	4
105	Harmful marketing of breast-milk substitutes	1	News Item	0
106	Health emergency resolution	0	News Item	0
107	Health impacts of climate change and geopolitics: a call for papers	1	Editorial Material	1
108	Health initiative launched to fight COVID-19	0	News Item	0
109	Health systems under strain	0	News Item	0
110	Health-care investments for the urban populations, Bangladesh and India	1	Article	1
111	Hearing loss: rising prevalence and impact (vol 97, pg 646, 2019)	1	Correction	0
112	Hepatitis B progress	1	News Item	0
113	Herpes simplex virus: global infection prevalence and incidence estimates, 2016	1	Article	55
114	HIV prevention and care as part of universal health coverage	1	Editorial Material	1
115	HIV prevention progress	1	News Item	0
116	HIV testing guidelines	1	News Item	0
117	Hospital trains on different tracks	1	News Item	0
118	Hospital-provision of essential primary care in 56 countries: determinants and quality	1	Article	3
119	How do we reimagine health in a digital age?	1	Editorial Material	1
120	How to achieve trustworthy artificial intelligence for health	1	Article	6
121	Immunization services interrupted	1	News Item	0
122	Impact of COVID-19 response on global surgical volumes: an ongoing observational study	0	Article	5

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
123	Implementation of adverse event reporting for medical devices, India	1	Article	1
124	Improving pandemic resilience	0	News Item	0
125	Improving prevention, recognition and treatment of noma	1	Editorial Material	2
126	Improving quality of care in fragile, conflict-affected and vulnerable settings	1	Editorial Material	5
127	Improving the indicator for premature deaths from noncommunicable diseases	1	Editorial Material	0
128	Inadequate climate change response	1	News Item	0
129	Incorporating natural ecosystems into global health and food security programmes	1	Editorial Material	0
130	Infertility: a continually neglected component of sexual and reproductive health and rights	1	Editorial Material	5
131	Informal work and maternal and child health: a blind spot in public health and research	1	Editorial Material	6
132	Integrating specialist ophthalmic services into emergency medical teams	1	Editorial Material	0
133	Integration of prevention and control measures for female genital schistosomiasis, HIV and cervical cancer	1	Article	6
134	Intensifying vaccine production	0	News Item	3
135	Iraq and Somalia vaccination campaigns	1	News Item	0
136	Iron and folic acid consumption and changing social norms: cluster randomized field trial, Odisha, India	1	Article	1
137	Joao Aprigio Guerra de Almeida: supporting breastfeeding mothers	1	News Item	0
138	Karla Soares-Weiser: curating evidence to support knowledge translation	1	Editorial Material	0
139	Kathryn Chu: delivering surgery as part of primary health care	1	News Item	0
140	Kirk R Smith: a life's work on improving air quality	1	Editorial Material	0
141	Legal and institutional foundations for universal health coverage, Kenya	1	Article	0
142	Legislating for public accountability in universal health coverage, Thailand	1	Article	2
143	Lessons from a COVID-19 hospital, Republic of Korea	0	Article	5



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
144	Lockdown exposing children to violence	0	News Item	0
145	Malaria progress challenged	1	News Item	0
146	Maternal near-miss surveillance, Namibia	1	Article	5
147	Measles immunization delayed	1	News Item	0
148	Measles in the Democratic Republic of the Congo	1	News Item	0
149	Measles surges	1	News Item	0
150	Measures to strengthen primary health-care systems in low- and middle-income countries	1	Article	7
151	Measuring antibiotic availability and use in 20 low- and middle-income countries	1	Article	7
152	Medical certification of cause of death for COVID-19	0	Editorial Material	9
153	Medicines dropped from Solidarity Trial	1	News Item	0
154	Melanie Saville: the end-to-end process needed for a SARS-CoV-2 vaccine	0	News Item	0
155	Mending the medicines supply chain	1	News Item	0
156	Men's tobacco epidemic turns corner	1	News Item	0
157	Mental health services disrupted	1	News Item	0
158	Midori de Habich: the economist who ran Peru's health ministry	1	News Item	0
159	Modelling for Taenia solium control strategies beyond 2020	1	Article	5
160	Modelling human-to-human transmission of monkeypox	1	Editorial Material	2
161	Modelling the effects of Wuhan's lockdown during COVID-19, China	0	Article	24
162	More nurses needed	1	News Item	0
163	Mortality surveillance during the COVID-19 pandemic	0	Editorial Material	11
164	National health insurance and surgical care for injured people, Ghana	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
165	New coronavirus	0	News Item	0
166	New Ebola outbreak	1	News Item	0
167	New Ebola virus case	1	News Item	0
168	New funds for vaccines	0	News Item	0
169	New guidance on iron status assessment	1	News Item	0
170	New SARS-CoV-2 strain	0	News Item	0
171	New stillbirth estimates	1	News Item	0
172	New tuberculosis guidelines	1	News Item	0
173	New WHO expert group	1	News Item	0
174	Nipah virus circulation at human-bat interfaces, Cambodia	1	Article	5
175	Non-clinical interventions to reduce unnecessary caesarean sections: WHO recommendations	1	Editorial Material	5
176	Novel coronavirus response	0	News Item	0
177	Obesity and undernutrition	1	News Item	0
178	Oral health guidance	1	News Item	0
179	Other considerations than: how much will universal health coverage cost?	1	Article	1
180	Over-the-counter antibiotic sales in community and online pharmacies, China	1	Article	8
181	Pacific islands measles	1	News Item	0
182	Pandemic hits services	0	News Item	0
183	Pandemic response disrupts essential services	0	News Item	0
184	Pandemic response failure	0	News Item	0
185	Partnership for pandemic and beyond	0	News Item	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
186	Personal digital health hubs for multiple conditions	1	Article	4
187	Pharmacies and primary care: a global development framework	1	Editorial Material	3
188	Physically inactive children	1	News Item	0
189	Plan to tackle HIV drug resistance	1	News Item	0
190	Polio eradication pledge	1	News Item	0
191	Polio PHEIC	1	News Item	0
192	Political economy of Thailand's tax-financed universal coverage scheme	1	Article	1
193	Pooling financial resources for universal health coverage: options for reform	1	Article	3
194	Pooling resources for universal health coverage	1	News Item	0
195	Population-based projections of blood supply and demand, China, 2017-2036	1	Article	5
196	Population-based projections of blood supply and demand, China, 2017-2036 (vol 98, pg 10, 2020)	1	Correction	0
197	Population-level data on antenatal screening for proteinuria; India, Mozambique, Nigeria, Pakistan	1	Article	1
198	Pre-exposure prophylaxis against HIV	1	News Item	0
199	Prevalence of Plasmodium falciparum lacking histidine-rich proteins 2 and 3: a systematic review	1	Review	6
200	Prevention of myopia, China	1	Editorial Material	6
201	Primary health care and nutrition	1	Article	3
202	Primary health care and sustainable development goals	1	Article	10
203	Primary health care and the climate crisis	1	Editorial Material	3
204	Primary health care contributions to universal health coverage, Ethiopia	1	Article	3
205	Primary health care, the Declaration of Astana and COVID-19	0	Article	9
206	Primary health care: realizing the vision	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
207	Priority pathogens and the antibiotic pipeline: an update	1	Editorial Material	9
208	Promotion of behavioural change for health in a heterogeneous population	1	Article	1
209	Providing mothers with fetal heart monitors	1	News Item	0
210	Provision of community-based mental health care, Latvia	1	Article	1
211	Public health challenges and opportunities after COVID-19	0	Article	1
212	Public health round-up	1	News Item	0
213	Purchasing reforms and tracking health resources, Kenya	1	Article	2
214	Quitting tobacco with digital help	1	News Item	0
215	Reducing antibiotic use in livestock, China	1	Editorial Material	11
216	Reforms for financial protection schemes towards universal health coverage, Senegal	1	Article	2
217	Refugees and COVID-19: achieving a comprehensive public health response	0	Editorial Material	19
218	Registration of antimicrobials, Kenya, Uganda and United Republic of Tanzania, 2018	1	Article	0
219	Regulating COVID-19 products	0	News Item	0
220	Regulating digital health	1	News Item	0
221	Regulations to reduce risk of hearing damage in concert venues	1	Editorial Material	0
222	Regulations to reduce risk of hearing damage in concert venues (vol 98, pg 367, 2020)	1	Correction	0
223	Retraction of WHO guidance on opioid use	1	Editorial Material	1
224	Rural retention strategies in the South-East Asia Region: evidence to guide effective implementation	1	Editorial Material	2
225	Sabina Faiz Rashid: research on community resilience	1	News Item	0
226	Safeguards for the use of artificial intelligence and machine learning in global health	1	Editorial Material	3
227	Sales of anti-cancer medicines; China, Indonesia, Kazakhstan, Malaysia, Philippines and Thailand	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
228	School hand hygiene	1	News Item	0
229	Sepsis summary	1	News Item	0
230	Shortage of personal protective equipment endangers health workers	1	News Item	0
231	Simulation of pooled-sample analysis strategies for COVID-19 mass testing	0	Article	20
232	Simulation of the effects of COVID-19 testing rates on hospitalizations	0	Editorial Material	2
233	Smallpox anniversary	1	News Item	0
234	Social, cultural and economic aspects of antimicrobial resistance	1	Editorial Material	3
235	Standardized epidemiological protocols for populations affected by volcanic eruptions	1	Editorial Material	0
236	Strengthening our resolve for primary health care	1	Editorial Material	7
237	Surge in measles cases	1	News Item	0
238	Surveillance for sickle cell disease, United Republic of Tanzania	1	Article	2
239	Syrian hostilities intensify	1	News Item	0
240	Systems approaches to support action on physical activity	1	Editorial Material	1
241	Tackling antimicrobial resistance in the COVID-19 pandemic	0	Editorial Material	72
242	Tackling COVID-19 in prisons	0	News Item	0
243	Tackling the infodemic	1	News Item	0
244	Tailored HIV programmes and universal health coverage	1	Article	6
245	The evolution of community-based primary health care, Slovenia	1	Article	1
246	The impact of the COVID-19 pandemic response on other health research	0	Article	8
247	The need for a coordinated international pandemic response	0	News Item	2
248	The pandemic's multisectoral impact	0	News Item	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
249	The simplified trachoma grading system, amended	1	Article	3
250	Time for a causal systems map of physical activity	1	Editorial Material	1
251	Tobacco package ruling	1	News Item	0
252	Towards a global strategy on digital health	1	Editorial Material	2
253	Transitions between body mass index categories, South Africa	1	Article	1
254	Travel restrictions and SARS-CoV-2 transmission: an effective distance approach to estimate impact	0	Article	8
255	Trends and regional distribution of outpatient claims for asthma, 2009-2016, Germany	1	Article	1
256	Tuberculosis concerns	1	News Item	0
257	Tze-Yun Leong: the need for intelligent regulation	1	News Item	0
258	Under-five mortality falls	1	News Item	0
259	Under-resourced Ebola response	1	News Item	0
260	United Nations funding for COVID-19 response	0	News Item	0
261	Uniting for COVID-19	0	News Item	0
262	Universal health coverage and primary health care: the 30 by 2030 campaign	1	Editorial Material	4
263	Universal health coverage provisions for women, children and adolescents	1	Editorial Material	0
264	Universal health coverage, oral health, equity and personal responsibility	1	Editorial Material	11
265	Universal health coverage: time to deliver on political promises	1	Editorial Material	1
266	Users of rehabilitation services in 14 countries and territories affected by conflict, 1988-2018	1	Article	2
267	Using district health information to monitor sustainable development	1	Editorial Material	8
268	Vaccination for SARS-CoV-2 of migrants and refugees, Jordan	0	Editorial Material	0
269	Vaccine coverage shrinks	0	News Item	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
270	Vaccine solidarity	0	News Item	0
271	Vaccine-derived poliovirus detected in Sudan	1	News Item	0
272	Value-sensitive design and global digital health	1	Editorial Material	1
273	Variant analysis of SARS-CoV-2 genomes	0	Article	165
274	Violence disrupts Ebola response	1	News Item	0
275	Virtual adoptions	1	News Item	0
276	Wealth-related inequalities in the coverage of reproductive, maternal, newborn and child health interventions in 36 countries in the African Region	1	Article	3
277	What's next for WHO's global strategy to reduce the harmful use of alcohol?	1	Editorial Material	8
278	WHO appoints Regional Directors	1	News Item	0
279	WHO coronavirus timeline	0	News Item	0
280	WHO Foundation created	1	News Item	0
281	WHO names COVID-19 a pandemic	0	News Item	0
282	Wikimedia	1	News Item	0
283	William Karesh: championing One Health	1	News Item	0
284	Women's health	1	News Item	0
285	World health statistics	1	News Item	0

**Data source:** Web of Science

**Table S4 List of articles published in *Clinical Epidemiology and Global Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Relationship between age at cochlear implantation and auditory speech perception development skills in children	1	Article	0
2	Role of umbilical cord arterial pH and lactate in newborn assessment of term antenatal women with hypertensive disorders of pregnancy	1	Article	1
3	Prevalence, pattern, and associated psychosocial factors of headache among undergraduate students of health profession	1	Article	0
4	Role of bacterial agents in newborn babies with septicemia	1	Article	1
5	Health outcome measures and determinants of using indigenous medicine in a pluralistic healthcare in Nagaland, Northeast India	1	Article	1
6	Prevalence of emotional, behavioural problems and ego resilience among tea tribe adolescents living in Dibrugarh district of Assam	1	Article	1
7	The cytomegalovirus seroprevalence among children in Mostar, Bosnia and Herzegovina: A hospital cross-sectional study	1	Article	0
8	Occupational health problems of the handloom workers: A cross sectional study of Sualkuchi, Assam, Northeast India	1	Article	3
9	Stress among the caregivers of mentally disabled children visiting a rehabilitation centre in Chennai, Tamil Nadu - A cross-sectional study	1	Article	2
10	Evaluation of variations in morphology and attachment of frenum in diverse population - A cross-sectional study	1	Article	0
11	How respectfully women are treated during difficult phase like childbirth? A primary survey of differently-managed health facilities in Odisha, India	1	Article	0
12	Prevalence and distribution of bone defects associated with moderate and severe periodontitis patients	1	Article	0
13	Understanding the full-immunization gap in districts of India: A geospatial approach	1	Article	4
14	Estimation of prevalence and screening of communication disorders in North and Middle Andaman and Nicobar Islands	1	Article	0



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
15	Estimation of cardiovascular diseases (CVD) risk using WHO/ISH risk prediction charts in tribal population of Chamarajanagar district, Karnataka	1	Article	0
16	An exploratory spatial analysis of low birth weight and its determinants in India	1	Article	1
17	Do family planning advice and maternal health care utilization changes course in contraception usage? A study based on Bihar, India	1	Article	1
18	Epidemiology and clinical features of human cystic echinococcosis in adults from an endemic area (Morocco)	1	Article	0
19	Documentation compliance of in-patient files: A cross sectional study from an east India state	1	Article	5
20	Mobile addiction and its relationship with quality of life in medical students	1	Article	3
21	Methods of estimating the pooled effect size under meta-analysis: A comparative appraisal	1	Article	0
22	Sexual violence and poor mental health of women: An exploratory study of Uttar Pradesh, India	1	Article	2
23	Impact of socioeconomic and demographic factors for underweight and overweight children in Bangladesh: A polytomous logistic regression model	1	Article	2
24	Nutritional status among tribal women in Maharashtra, India: Spatial variations and determinants	1	Article	2
25	The impact of sleep duration and sleep quality on glycaemic control in Asian population with type 2 diabetes mellitus: A systematic literature review and meta-analysis of observational studies	1	Review	3
26	Factors associated with antenatal and health facility delivery care in selected areas of Subornochoz upazila, Noakhali, Bangladesh	1	Article	3
27	Socio-demographic factors of COPD mortality in India	1	Article	2
28	Prevalence and pattern of substance use among sandstone mine workers in Rajasthan, India	1	Article	1
29	Corticosteroid actions on dengue immune pathology; A review article	1	Review	0
30	Prevalence of substance use and awareness about its ill effects among people residing in a rural village in	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	Chamarajanagara district, Karnataka			
31	Antibiotics: Need for new fences, a prospective utilization evaluation of cephalosporin's and its combination in tertiary care referral hospital	1	Article	0
32	Noninvasive biomarkers predict improvement in liver fibrosis after successful generic DAAs based therapy of chronic hepatitis C in Egypt	1	Article	2
33	Effect of triage nurse-led application of the ottawa ankle rules on pain and patient satisfaction with emergency department care	1	Article	0
34	The effect of foot massage in lowering intradialytic blood pressure at Hemodialysis Unit in Indonesian Hospital	1	Article	0
35	Age at first marriage and fertility in developing countries: A meta analytical view of 15 Demographic and Health Surveys	1	Article	0
36	Does fear for infection affect condom use and HIV testing? A study of female sex workers in Pune city	1	Article	0
37	3D printed tissue and organ using additive manufacturing: An overview	1	Article	10
38	Distress tolerance in methamphetamine and opium abusers with non-drug abuser (A comparative analysis)	1	Article	1
39	Gender disparities in the burden of non-communicable diseases in India: Evidence from the cross-sectional study	1	Article	1
40	Association between consanguineous marriage and child nutritional outcomes among currently married women in Pakistan	1	Article	2
41	Prevalence of communication disorders in Port Blair-Andaman and Nicobar Islands	1	Article	0
42	Imaging and future perspectives for diagnosis of complex diseases	1	Review	1
43	Hospital admission of exposure to air pollution in Ahvaz megacity during 2010-2013	1	Article	2
44	Lesion analysis towards melanoma detection using soft computing techniques	1	Article	0
45	Gender preference among post-natal women for the next child: A study from coastal south India	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
46	Epidemiology of generalized ligamentous laxity in northwest of Iran: A pilot national study on 17-40 years old adults in Hamadan province	1	Article	0
47	Combined profiles derived from cardiovascular risk factors, health-promoting lifestyle, and post-traumatic stress disorder symptoms	1	Article	0
48	Determining factors of institutional delivery in India: A study from National Family Health Survey-4 (2015-16)	1	Article	2
49	3D printing applications for the treatment of cancer	1	Article	7
50	Impact of pharmaceutical care programme on health outcome of geriatric patients	1	Article	0
51	Absolute eosinophil count as a diagnostic and prognostic marker compared to C- reactive protein and Procalcitonin in patients with sepsis	1	Article	1
52	Assessment of malnutrition and its underlying causes among vulnerable populations dwelling in the urban slums of Nongstoin Town, Meghalaya	1	Article	0
53	Trends in the use of Yoga and Naturopathy based lifestyle clinics for the management of Non-communicable diseases (NCDs) in Tamilnadu, South India	1	Article	4
54	Existing practices of intravenous (IV) medication management and barriers for safe practices among healthcare professionals in a selected hospital of Udupi district, Karnataka	1	Article	0
55	Tobacco use among health care workers of tertiary care center of Faridabad, Haryana, India	1	Article	2
56	Prevalence and pattern of multimorbidity among adults in a primary care rural setting	1	Article	3
57	The quality of age data: Comparison between two recent Indian censuses 2001-2011	1	Article	1
58	Epidemiological survey of chronic diseases on manufacturing employees (ESCOME): Design and methodology of a large cross-sectional study	1	Article	1
59	Saudi myocardial infarction patients' learning needs: Implications for cardiac education program	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
60	Prevalence and pattern of contraceptive use and unmet need among women of reproductive age in urban Mysuru	1	Article	1
61	Effectiveness of educational intervention on breastfeeding among primi pregnant women- a longitudinal study	1	Article	1
62	Factors associated with tobacco use among Nepalese men aged 15-49 years: Data from Nepal demographic and Health Survey 2016	1	Article	2
63	Prevalence and risk factors of anemia among children 6-59 months in India: A multilevel analysis	1	Article	4
64	Influencing variables for fetal growth in malnourished mothers: A nested case-control study	1	Article	0
65	Penetration and coverage of government-funded health insurance schemes in India	1	Article	0
66	Are our teachers knowledgeable towards pre hospital emergency care: A study from South India	1	Article	0
67	Confined vulnerability of HIV infection among pregnant women attending antenatal care clinics in Karnataka, India: Analysis of data from the HIV sentinel surveillance 2017	1	Article	0
68	The relationship between warm and cold temperament and dysmenorrhea	1	Article	1
69	RAPTS - An empowerment to the medical postgraduates	1	Editorial Material	1
70	Serum low replacement medium versus serum rich replacement medium for production of Anti-Schistosoma Monoclonal antibody: A comparative study	1	Article	0
71	Predictors of length of stay in the coronary care unit in patient with acute coronary syndrome based on data mining methods	1	Article	3
72	Outcome of preterm neonates born to women of a developing country at risk of preterm birth exposed to varying doses of antenatal corticosteroid: A prospective observational study	1	Article	0
73	Child-rearing practices among migrant mothers of South India: A mixed method study	1	Article	0
74	Comparison of pain perception during the administration of local anaesthesia with computerized delivery system (WAND) and conventional technique in pediatric dental procedure using Visual Analogue scale-A randomised	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	controlled trial			
75	Validity of self-reported diabetes varies with sociodemographic characteristics: Example from Iran	1	Article	1
76	The uses of gold nanoparticles and <i>Citrullus colocynthis</i> L. nanoparticles against <i>Giardia lamblia</i> in vivo	1	Article	2
77	Assessment of role of Integrated Counselling and Testing Centre in addressing HIV/AIDS stigma	1	Article	0
78	Prevalence and determinants of the use of caesarean section (CS) in the dichotomy of 'public' and 'private' health facilities in West Bengal, India	1	Article	2
79	3D printing applications towards the required challenge of stem cells printing	1	Article	6
80	Study of relationship between nitrogen dioxide and chronic obstructive pulmonary disease in Bushehr, Iran	1	Article	4
81	Building knowledge and evidence base on antimicrobial resistance in Africa, through 'One Health' based surveillance	1	Article	3
82	Association between serum uric acid and proteinuria in patients with type 2 diabetes and stages 1 and 2 chronic kidney disease	1	Article	0
83	Prevalence of chest symptoms of tuberculosis among diabetes patients in Udupi taluk	1	Article	0
84	The survival rate of patients with ST-Segment elevation myocardial infarction treated with primary percutaneous coronary intervention and thrombolysis	1	Article	0
85	Airway function and mental health status of petrol pump workers of Aurangabad (Maharashtra) city. - An analytical cross-sectional study	1	Article	0
86	The socioeconomic correlates of substance use among male adults in Northeast India	1	Article	8
87	Birth interval and childhood undernutrition: Evidence from a large scale survey in India	1	Article	2
88	Out-of-pocket expenditure for delivery at home and public health facilities in the context of conditional cash transfer and free delivery care programs: An analytical cross-sectional study in South 24 Parganas district, West Bengal, India, 2017	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
89	Effect of aerobic exercises on depressive symptoms, anxiety, self-esteem, and quality of life among adults with depression	1	Article	1
90	Contraceptives utilization and barriers in Karnataka, Southern India: A survey on women residing in slums	1	Article	0
91	Tuberculosis, human immunodeficiency viruses and TB/HIV co-infection in pregnant women: A meta-analysis	1	Article	1
92	Epidemiologic survey of extra-pulmonary tuberculosis in Ahvaz from 2008 to 2013	1	Article	0
93	Dimensions of quality of life in the different stages of chronic kidney disease patients - A cross-sectional study	1	Article	0
94	Determinants of stunting among under-five years children in Ethiopia from the 2016 Ethiopia demographic and Health Survey: Application of ordinal logistic regression model using complex sampling designs	1	Article	5
95	Prevalence and determinants of voluntary caesarean deliveries and socioeconomic inequalities in India: Evidence from National Family Health Survey (2015-16)	1	Article	3
96	Exploring the spatial patterns of cesarean section delivery in India: Evidence from National Family Health Survey-4	1	Article	5
97	Determination of association between the polymorphism in exon 3 of dopamine receptor gene type 4 with attention deficit-hyperactivity disorder	1	Article	0
98	Reproductive, Maternal, Newborn, Child and Adolescent Health and related Behaviour Change Communication strategies in Bangladesh, Nepal and India: A narrative review	1	Review	2
99	Socio-economic inequality and spatial heterogeneity in anaemia among children in India: Evidence from NFHS-4 (2015-16)	1	Article	10
100	Oncology nurses' knowledge about exploring chemotherapy related - Extravasation care: A cross-sectional study	1	Article	1
101	Insights into the perceptions of health care providers towards clinical pharmacy services for advanced pharmaceutical care	1	Article	0
102	Cardiovascular diseases and health care expenditure (HCE) of inpatient and outpatient: A study from India Human Development Survey	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
103	Association of leptin receptor genetic variants (LEPR) with obesity and leptin level in unexplained infertility in northern Indian population	1	Article	0
104	Comparison of the prevalence of <i>Toxocara</i> spp. eggs in public parks soils in different seasons, from 2017 to 2018, Tehran Province, Iran	1	Article	2
105	Seroepidemiology and risk factors of toxoplasmosis among children age ranged from 1 to 14 years referred to medical diagnostic laboratories in Southeast Iran	1	Article	2
106	Analysis of determinants of severity levels of childhood anemia in Bangladesh using a proportional odds model	1	Article	2
107	Changes in levels of morbidity and hospitalisation in Kerala: A district level analysis (1995-2014)	1	Article	0
108	Evaluation of knowledge, attitude and practice of healthcare providers towards life-threatening drug-drug interactions in Penang General Hospital, Malaysia	1	Article	2
109	Triggering factors associated with the utilization of antenatal care visits in Bangladesh: An application of negative binomial regression model	1	Article	1
110	Crucial predicting factors of under-five mortality in Sierra Leone	1	Article	1
111	Acute rheumatic fever in children: Experience at the hospital Hassan II of Fez, Morocco	1	Article	1
112	Cancer incidence and mortality in Poland	1	Review	5
113	Mobile SMS: A tool for management of diabetes via patients-relative's knowledge and belief	1	Article	0
114	Prevalence and causes of communication disorders-A retrospective study from northern Karnataka	1	Article	2
115	Risk behaviours related to hepatitis B virus infection among adults in Malaysia: A cross-sectional household survey	1	Article	1
116	Malnutrition among elderly a multifactorial condition to flourish: Evidence from a cross-sectional study	1	Article	2
117	The latency period between type 2 diabetes and development of Coronary Artery Disease based on psychological factors	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
118	Clustering the envenoming of snakebite in India: The district level analysis using Health Management Information System data	1	Article	3
119	Comparing the frequency of osteoporosis and osteopenia in chronic hepatitis B patients with and without Tenofovir treatment	1	Article	0
120	Bayesian competing risks analysis without data stratification	1	Article	0
121	Diagnostic performance of dry eye tests, serology and labial salivary gland biopsy in primary Sjogren's syndrome in an Indian setting	1	Article	0
122	Infected food handlers led to an outbreak of hepatitis A in Ernakulam district, Kerala, Southern India, 2016	1	Article	1
123	Comparative role of various methods of estimating between study variance for meta-analysis using random effect method	1	Article	1
124	Classification of various types of disability and determining their predictive causes in western Iran	1	Article	0
125	Public health preventive action to start from the fourth decade of life?	1	Article	0
126	Public practices towards antibiotics: A qualitative study	1	Article	1
127	Risk factors for gestational diabetes mellitus: A prospective case-control study from coastal Karnataka	1	Article	0
128	Frequency of methicillin-resistant Staphylococcus aureus (MRSA) in nose and cellular phone of medical and non-medical personnel of emergency departments of Ghaem hospital in Mashhad city	1	Article	2
129	Awareness about cervical cancer among women residing in urban slums of Mysuru city of Karnataka, India: A cross-sectional study	1	Article	0
130	A study on knowledge and self-care practices about Diabetes Mellitus among patients with type 2 Diabetes Mellitus attending selected tertiary healthcare facilities in coastal Karnataka	1	Article	2
131	The effect of an educational intervention based on the Integrated Behavior Model (IBM) on the waste separation: A community based study	1	Article	2



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
132	Tobacco use patterns and tobacco-related awareness in medical students of Delhi	1	Article	1
133	Physicians' willingness to be vaccinated with a smallpox vaccine to prevent monkeypox viral infection: A cross-sectional study in Indonesia	1	Article	0
134	Estimating 10-year cardiovascular disease risk in urban and rural populations in Haiti	1	Article	0
135	Scrub typhus: A serious public health issue in Nepal	1	Letter	3
136	Sociodemographics, clinical profile and health promotion behaviour of people with type 2 diabetes mellitus	1	Article	0
137	Long-term exposure to ambient PM2.5 and impacts on health in Rome, Italy	1	Article	9
138	General population's eagerness and knowledge regarding basic life support: A community based study in Jakarta, Indonesia	1	Article	1
139	Role of HRCT imaging in predicting the visibility of Round window (RW) on patients underwent cochlear implant surgery	1	Article	4
140	Survey of awareness about the risk factors of low back pain among operating room personnel of Shiraz hospitals: A cross-sectional study	1	Article	0
141	Estimation of lung and bronchial cancer registry completeness via capture-recapture method using population-based cancer registry in Khuzestan province in 2011	1	Article	1
142	The frequency of major complications among fasting people with diabetes according to risk categories of IDF-DAR guidelines 2016	1	Article	0
143	Quantitative determination of pupil by dynamic pupillometry using infrared videography - Role in evaluation of autonomic activity	1	Article	2
144	Virtual reality applications toward medical field	1	Article	18
145	Role of HFE gene in coronary artery disease - A study from India	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
146	Incidence of obesity, adiposity and physical activity pattern as risk factor in adults of Delhi, India	1	Article	0
147	Comparison of detecting Legionella Pneumophilla with urinary antigen test in teaching hospitals	1	Article	0
148	Metabolic syndrome risk assessment among adults in Udupi District, Karnataka	1	Article	1
149	Surgical site dressing practice	1	Article	0
150	An impact of reduction in point prevalence of tobacco use on cancer incidence- A challenge for global policy makers	1	Article	0
151	A report of antibiotic restriction policy in Ghaem university hospital, Mashhad, Northea	1	Article	0
152	The epidemiological profile of metabolic syndrome in Indian population: A comparative study between men and women	1	Article	2
153	Association of diet and lipid profile among coronary heart disease patients	1	Article	0
154	Chronic headache in tabari cohort population: Prevalence and its related risk factors	1	Article	2
155	Mass drug administration programme against lymphatic filariasis-an evaluation of coverage and compliance in a northern Karnataka district, India	1	Article	0
156	Impact of clinical pharmacist managed patient counselling on the knowledge and adherence to antiepileptic drug therapy	1	Article	1
157	A study on implementation of 'Kuposhan Mukht Gujarat Maha-Abhiyan' (KMGA) in Vadodara district, Gujarat	1	Article	0
158	The global prevalence of musculoskeletal disorders among operating room personnel: A systematic review and meta-analysis	1	Review	5
159	The prevalence of nosocomial infection rates and needle sticks injuries at a teaching hospital, during 2013-2014	1	Article	0
160	Screening of refractive error among primary school students at Tanta City Gharbia governorate Egypt. How serious is the problem?	1	Article	0
161	Epidemiological investigation of chikungunya outbreak, West Kalimantan, Indonesia	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
162	Testing a diabetes ketoacidosis simulation in critical care nursing: A randomized control trial	1	Article	1
163	Gender differential and regional disparity of disability-free life-expectancy among disable in India	1	Article	2
164	A study on clinical epidemiology of filarial lymphedema patients attending filariasis clinic in Pondicherry	1	Article	0
165	Readmissions and clinical outcomes in heart failure patients: A retrospective study	1	Article	2
166	Prevalence of HPV infection in reproductive aged female in Delhi NCR region	1	Article	1
167	Allergen profile of rhinitis and asthma among Iraqi patients	1	Article	1
168	Decomposition of Socioeconomic Inequality in Catastrophic Health Expenditure: An Evidence from Iran	1	Article	5
169	Prevalence and risk factors of intestinal parasite infections in Mazandaran province, North of Iran	1	Article	3
170	Vitamin D gene polymorphisms and risk of acute cardiovascular events	1	Article	3
171	The prevalence, epidemiology and screening results of breast cancer in women of Guilan province, north of Iran: A cross-sectional study during 2017-2018	1	Article	2
172	Prevalence and risk factors of female genital mutilation in Egypt: a systematic review	1	Review	1
173	A multi stage EEG data classification using k-means and feed forward neural network	1	Article	1
174	Risk factors associated with asthma among adults in Khuzestan, southwest Iran	1	Article	2
175	Gender differential in health care utilisation in India	1	Article	5
176	Anesthetic toxic isoflurane and health risk assessment in the operation room in Abadan, Iran during 2018	1	Article	1
177	Evaluation of breastfeeding patterns in the first 24 h of life and associated factors in south of Iran: A cross-sectional study	1	Article	0
178	Seroprevalence of Cystic Echinococcosis and related risk factors for infection among children in a rural community in Fars Province, Southern Iran	1	Article	3
179	Removal notice to validation of the Hamilton anxiety rating scale and state trait anxiety inventory a and b in Arabic	1	Correction	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	among the Lebanese population (vol 7, pg 464, 2019)			
180	Status of iodine in rural pregnant women of different trimesters in Lucknow-A cross-sectional study	1	Article	1
181	Assessment and projection of burden of cancer due to tobacco in India till 2025	1	Article	0
182	Sex composition and son preference in India and major states: Evidence from the National Family Health Survey-4 (2015-16)	1	Article	1
183	Sensation seeking and peer passenger influence on risky driving among novice drivers in Udupi Taluk, India	1	Article	0
184	Does the salivary fern pattern determine fertile period in reproductive female?	1	Article	2
185	An 8-year study on the prevalence and drug resistance of mycobacteria in clinical specimens (2011-2018)	1	Article	2
186	Relationship between socio-demographic, clinical factors, and quality of life in adults living with diabetic nephropathy	1	Article	4
187	Factors associated with preventive behaviors, anxiety among healthcare workers and response preparedness against COVID-19 outbreak: A one health approach	0	Article	1
188	Association between diet quality scores, adiposity, glycemic status and nutritional biomarkers among Indian population with type 2 diabetes mellitus: A cross-sectional study	1	Article	0
189	3D printed medical parts with different materials using additive manufacturing	1	Article	12
190	Willingness-to-pay for improvement of hypothetical health status in patients visiting the emergency department: A contingent valuation study	1	Article	1
191	Risk factors of infant mortality in Bangladesh	1	Article	6
192	Analysis of high dimensional brain data using prototype based fuzzy clustering	1	Article	0
193	Epidemiology and phylogenetic analysis of respiratory viruses from 2012 to 2015 - A sentinel surveillance report from union territory of Puducherry, India	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
194	Evaluation of antihypertensive prescriptions for rationality and adherence to treatment guidelines: An experience from United Arab Emirates	1	Article	0
195	Prevalence and subtype identification of Blastocystis isolated from human in Shiraz city, southern Iran	1	Article	2
196	Epidemiological study on pediatric unilateral cochlear implantation in Gujarat, India: Discrepancy among children based on age of implantation, gender, region and type of implant device as per manufacturers	1	Article	0
197	Detection of Toxoplasma gondii infection among diabetic patients in Turkey	1	Article	0
198	Socio-demographic factors influencing utilization of maternal health care services in India	1	Article	7
199	Prevalence of oral diseases among school children of Mysuru and Chamarajanagar districts, Karnataka, India	1	Article	1
200	Economic burden of unused medicines and its causes in households of Perinthalmanna region	1	Article	0
201	Seroprevalence of toxocarasis and its related risk factors among municipal street sweepers in Shiraz District in Fars Province, southern Iran	1	Article	0
202	Understanding the three As (Awareness, Access, and Acceptability) dimensions of vaccine hesitancy in Odisha, India	1	Article	3
203	Proposed reforms in medical education in India: Perspective of undergraduate students	1	Article	0
204	Tribal eligible couple and care providers' perspective on family planning: A qualitative study in Keonjhar district, Odisha, India	1	Article	0
205	Epidemiology of nosocomial infection in Abadan, Southwest Iran	1	Article	0
206	Impact of cigarettes' filter length and diameter on cigarette smoke emissions	1	Article	2
207	Knowledge and awareness regarding HPV infection and PAP smear screening in reproductive aged females of rural India	1	Article	0
208	Secondhand tobacco smoke exposure of infants at home: A population based cross-sectional study	1	Article	0
209	Factors influencing exclusive breastfeeding (EBF) in Empowered Action Group (EAG) states and Assam	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
210	Mental consequences and behavioral health 18 month after outpatient cardiac rehabilitation in three separated profiles at baseline	1	Article	0
211	Investigating the prevalence of child abuse in the families with addicted parents in Iran: With emphasis on family risk factors	1	Article	1
212	Validation of the Hamilton Anxiety Rating Scale and State Trait Anxiety Inventory A and B in Arabic among the Lebanese population	1	Article	11
213	Association between serum micronutrient levels and febrile seizures among febrile children in Southern India: A case control study	1	Article	0
214	Self-medication practices with antibiotics among nursing students: A cross-sectional descriptive survey at tertiary care teaching hospital in Uttarakhand	1	Article	0
215	A relationship between maternal periodontal disease and preterm low birth weight: A cross-sectional study	1	Article	0
216	Mental health status of Farmers in Maharashtra, India: A study from farmer suicide prone area of Vidarbha region	1	Article	0
217	Daytime sleepiness among Omani Nursing Students: Estimate of its determinants and impact on perceived stress	1	Article	2
218	Prevalence of metabolic syndrome and its components among a population-based study in south of Iran, PERSIAN Kharameh cohort study	1	Article	7
219	The relationship between nurse self-efficacy and the culture of patient safety incident reporting in a district general hospital, Indonesia	1	Article	3
220	The game is not over for polio virus in India; it can strike back again	1	Letter	0
221	Seroprevalence of toxocariasis in multiple sclerosis and rheumatoid arthritis patients in Shiraz city, southern Iran	1	Article	1
222	Concise title: Maternal health service utilization	1	Article	0
223	Discriminating malaria and dengue fever in endemic areas: Clinical, biochemical and radiological criteria	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
224	Evaluation of the geriatric patients prescription for inappropriate medications frequency at Larkana Sindh Hospital in Pakistan	1	Article	1
225	Climacteric symptoms among women residing in a rural area of Kerala state - A cross-sectional study	1	Article	1
226	Spatial clustering of diabetes among reproductive age women and its spatial determinants at the district level in southern India	1	Article	2
227	Prevalence and antimicrobial sensitivity pattern of bacteria causing urinary tract infection; study of a tertiary care hospital in North India	1	Article	2
228	Evidences on overweight of regular blood donors in a center of Southern Italy	1	Article	0
229	Perception about migration among Oraon Tribes in India	1	Article	1
230	The factors affecting the obstetricians-gynecologists workforce planning: A systematic review	1	Review	0
231	Estimated incubation period for mosquito-borne disease-related Guillain-Barre syndrome	1	Article	1
232	Seroprevalence of hepatitis B, hepatitis C and HIV 1/y2 in patients undergoing surgery in a tertiary care hospital in north India (a hospital based study)	1	Article	0
233	Civil registration system (CRS) for birth and death registration in Assam - A rapid assessment	1	Article	0
234	Awareness of various aspects of diabetes among people visiting tertiary eye care institute in north India	1	Article	0
235	Role of vitamin a in child health and nutrition	1	Review	4
236	Spatio-temporal pattern of malignant neoplasm of brain in Fars province I.R.Iran (2011-2015): A population-based cross sectional study	1	Article	0
237	Factors influencing adherence to anti-diabetes medications among type 2 diabetes patients attending tertiary care hospitals in Mangaluru	1	Article	4
238	Catastrophic health expenditure and health facility access among rural informal sector families	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
239	Seroprevalence and associated risk factors of <i>Toxoplasma gondii</i> infection in a representative Australian human population: The Busselton health study	1	Article	0
240	Clinical management and outcome assessment of generalized anxiety disorder or panic disorder in refractory gastro-esophageal reflux disease: Evidence from a prospective interventional study of benzodiazepines and sertraline	1	Article	0
241	Effect of fenugreek on breast milk production and weight gain among Infants in the first week of life	1	Article	1
242	Quality of services provided by public funded ambulance program: Experience from a northern state in India	1	Article	2
243	The occurrence of vulvovaginal <i>Candida</i> species and their antifungal susceptibility pattern in HIV seropositive women in Ahvaz, Southwest Iran	1	Article	0
244	Nutrition status and inequality among children in different geographical regions of Maharashtra, India	1	Article	2
245	Being unvaccinated and contact with measles cases as the risk factors of measles outbreak, North Sumatera, Indonesia	1	Article	1
246	Screening for vision impairment and ocular morbidities among adolescents and young adults in urban and rural areas of southern part of India	1	Article	0
247	Cigarette smoke exposure and increased risks of stunting among under-five children	1	Article	1
248	Psychometric properties of the Persian version of General Self-Efficacy Scale (GSES) among substance abusers the year 2019-2020 in Kermanshah city	1	Article	1
249	Seroprevalence of Toxocariasis in schoolchildren in Bushehr, Iran	1	Article	0
250	What are the beliefs and behaviours related to sport nutrition supplements, particularly regarding UAE regulatory issues, among male fitness centre members in Dubai?	1	Article	2
251	Does cost of care influence the glycemic control, psychosocial illness and quality of care among adolescents with type 1 diabetes?: A hospital based cross section study in Mysuru, Karnataka	1	Article	0
252	Economic evaluation of End Stage Renal Disease treatments in Iran	1	Article	3

**Data source:** Web of Science



**Table S5 List of articles published in *Global Health Action* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Identifying geographical heterogeneity of pulmonary tuberculosis in southern Ethiopia: a method to identify clustering for targeted interventions	1	Article	2
2	The evolution of minimally invasive tissue sampling in postmortem examination: a narrative review	1	Review	18
3	Long-term trends in seasonality of mortality in urban Madagascar: the role of the epidemiological transition	1	Article	1
4	Migrants' perceptions of health system responsiveness and satisfaction with health workers in a South African Province	1	Article	2
5	Factors associated with child malnutrition in mountainous ethnic minority communities in Lao PDR	1	Article	2
6	Factors associated with patient payments exceeding National Health Insurance fees and out-of-pocket payments in Lao PDR	1	Article	0
7	The risk of corruption in public pharmaceutical procurement: how anti-corruption, transparency and accountability measures may reduce this risk	1	Review	6
8	Key indicators for appraising adolescent sexual and reproductive health in South Asia: international expert consensus exercise using the Delphi technique	1	Article	1
9	Effect of an integrated neonatal care kit on cause-specific neonatal mortality in rural Pakistan	1	Article	1
10	Building Strong Primary Health Care to Tackle the Growing Burden of Non-Communicable Diseases in Nepal	1	Article	3
11	Measuring mental health burden in humanitarian settings: a critical review of assessment tools	1	Review	3
12	Early detection of type 2 diabetes in socioeconomically disadvantaged areas in Stockholm - comparing reach of community and facility-based screening	1	Article	2
13	Female health-care providers' advocacy of self-sampling after participating in a workplace program for cervical cancer screening in Ghana: a mixed-methods study	1	Article	0
14	Developing sustainable capacity-building in mental health research: implementation outcomes of training of trainers in systematic reviewing	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
15	Right To Play's intervention to reduce peer violence among children in public schools in Pakistan: a cluster-randomized controlled trial	1	Article	4
16	Outcomes of a multifaceted intervention to improve maternal satisfaction with care in secondary hospitals in Nigeria	1	Article	0
17	Rape survivors in South Africa: analysis of the baseline socio-demographic and health characteristics of a rape cohort	1	Article	1
18	Strengthening resistance to the COVID-19 pandemic and fostering future resilience requires concerted action on obesity	0	Article	3
19	Fast food consumption among young adolescents aged 12-15 years in 54 low- and middle-income countries	1	Article	5
20	Monitoring the status of selected health related sustainable development goals: methods and projections to 2030	1	Article	0
21	Factors affecting knowledge of National Health Insurance Policy among out-patients in Lao PDR: an exit interview study	1	Article	1
22	Optimizing Test and Treat in Malawi: health care worker perspectives on barriers and facilitators to ART initiation among HIV-infected clients who feel healthy	1	Article	3
23	Physicians' satisfaction with clinical referral laboratories in Rwanda	1	Article	0
24	Changes in risk factors for non-communicable diseases associated with the 'Healthy choices at work' programme, South Africa	1	Article	2
25	Anti-corruption, transparency and accountability in health: concepts, frameworks, and approaches	1	Review	7
26	Women's development group leaders' promotion of maternal, neonatal and child health care in Ethiopia: a cross-sectional study	1	Article	3
27	Promoting equity in maternal, newborn and child health - how does gender factor in? Perceptions of public servants in the Ethiopian health sector	1	Article	0
28	mHealth for image-based diagnostics of acute burns in resource-poor settings: studies on the role of experts and the accuracy of their assessments	1	Review	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
29	Negotiating social norms, the legacy of vertical health initiatives and contradicting health policies: a qualitative study of health professionals' perceptions and attitudes of providing adolescent sexual and reproductive health care in Arusha and Kilimanjaro region, Tanzania	1	Article	3
30	The role of participation and community mobilisation in preventing violence against women and girls: a programme review and critique	1	Review	5
31	Describing the pattern of the COVID-19 epidemic in Vietnam	0	Article	15
32	Evaluation of an integrated HIV and hypertension management model in rural south africa: a mixed methods approach	1	Review	3
33	Births and deaths in Sidama in southern Ethiopia: findings from the 2018 Dale-Wonsho Health and Demographic Surveillance System (HDSS)	1	Article	1
34	Eco-epidemiological assessment of the COVID-19 epidemic in China, January-February 2020	0	Article	29
35	Stigmatization of men who have sex with men in health care settings in East Africa is based more on perceived gender role-inappropriate mannerisms than having sex with men	1	Article	1
36	Promoting anti-corruption, transparency and accountability in the recruitment and promotion of health workers to safeguard health outcomes	1	Review	0
37	Reconciling model predictions with low reported cases of COVID-19 in Sub-Saharan Africa: insights from Madagascar	0	Article	8
38	In-service nurse mentoring in 2020, the year of the nurse and the midwife: learning from Bihar, India	1	Article	0
39	Key issues for participatory research in the design and implementation of humanitarian assistance: a scoping review	1	Review	1
40	The gender responsiveness of social marketing interventions focused on neglected tropical diseases	1	Review	0
41	Depression and mental wellbeing in people affected by leprosy in southern Nepal	1	Article	2
42	Establishment of COVID-19 testing laboratory in resource-limited settings: challenges and prospects reported from Ethiopia	0	Article	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
43	Midwifery education, regulation and association in the Democratic Republic of Congo (DRC) - current state and challenges	1	Article	3
44	Implementation of the INTERGROWTH-21(st)gestational dating and fetal and newborn growth standards in Nairobi, Kenya: women's experiences with ultrasound and newborn assessment Women's experiences with ultrasound and newborn assessment in peri-urban Kenya	1	Article	2
45	Standardized mortality ratios between street-connected young people and the general age-equivalent population in an urban setting in Kenya from 2010 to 2015	1	Article	4
46	Exploring national human resource profile and trends of Prosthetists/Orthotists in South Africa from 2002 to 2018	1	Article	1
47	Key challenges of health care workers in implementing the integrated management of childhood illnesses (IMCI) program: a scoping review	1	Review	4
48	Knowledge of safe sex and sexually transmitted infections among high school students, Vientiane Prefecture, Lao PDR	1	Article	0
49	Implementation of two alcohol reduction interventions among persons with hazardous alcohol use who are living with HIV in Thai Nguyen, Vietnam: a micro-costing analysis	1	Article	1
50	Fetal heart rate monitoring practices at a public hospital in Northern Uganda - what health workers document, do and say	1	Article	2
51	Challenges with tracing patients on antiretroviral therapy who are late for clinic appointments in rural South Africa and recommendations for future practice	1	Article	1
52	National incidence, prevalence and disability-adjusted life years (DALYs) of common micronutrient deficiencies in Ethiopia from 1990 to 2017: estimates from the global burden of diseases study	1	Article	1
53	Implementation of accelerated research: strategies for implementation as applied in a phase 1 Ad26.ZEBOV, MVA-BN-Filo two-dose Ebola vaccine clinical trial in Uganda	1	Article	3
54	HIV-positive migrants' experience of living in Sweden	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
55	Does health insurance contribute to improved utilization of health care services for the elderly in rural Tanzania? A cross-sectional study	1	Article	2
56	The Menstrual Practices Questionnaire (MPQ): development, elaboration, and implications for future research	1	Article	1
57	Ad hoc interpreters in South African psychiatric services: service provider perspectives	1	Article	1
58	What can we learn from studying control arms of randomised VAW prevention intervention evaluations: reflections on expected measurement error, meaningful change and the utility of RCTs	1	Article	0
59	Health literacy meets the life-course perspective: towards a conceptual framework	1	Article	2
60	Anaemia among adolescents: assessing a public health concern in Lao PDR	1	Article	1
61	Evaluation of the rural response system intervention to prevent violence against women: findings from a community-randomised controlled trial in the Central Region of Ghana	1	Article	2
62	Building cooperative learning to address alcohol and other drug abuse in Mpumalanga, South Africa: a participatory action research process	1	Article	3
63	Developing a national health research agenda for Lao PDR: prioritising the research needs of stakeholders	1	Article	0
64	Direct assessment of mental health and metabolic syndrome amongst Indonesian adolescents: a study design for a mixed-methods study sampled from school and community settings	1	Article	0
65	Capacity building, local ownership and implementation of a multi-level HIV/AIDS positive health, dignity, and prevention initiative in Mozambique: approach, challenges and lessons learned	1	Article	0
66	Age-related patterns of early childhood development practices amongst rural families in Burkina Faso: findings from a nationwide survey of mothers of children aged 0-3 years	1	Article	1
67	Responding to aid volatility: government spending on district health care in Zambia 2006-2017	1	Article	1
68	Ongoing debate on data governance principles for achieving Universal Health Coverage: a proposal to post-G20 Osaka Summit meetings	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
69	Decentralization of birth registration to Local Government in Tanzania: the association with completeness of birth registration and certification	1	Article	0
70	Death registration in Nigeria: a systematic literature review of its performance and challenges	1	Review	3
71	'Fighting an uphill battle': a qualitative study of the challenges encountered by pharmacy workers when providing services to men who have sex with men in Dar es Salaam, Tanzania	1	Article	1
72	Increasing collaborative research output between early-career health researchers in Africa: lessons from the CARTA fellowship program	1	Article	1
73	Interrelationships between early antenatal care, health facility delivery and early postnatal care among women in Uganda: a structural equation analysis	1	Article	3
74	Implementation of a context-specific accreditation assessment tool for affirming quality midwifery education in Bangladesh: a qualitative research study	1	Article	1
75	Using relevance mapping methodology to design an adolescent mental health intervention in India	1	Article	1
76	Learning Active Implementation Frameworks: the role of implementation teams in a case study from Pakistan	1	Article	1
77	Out-of-pocket expenditure for hypertension care: a population-based study in low-income urban Medellin, Colombia	1	Article	3
78	Are people most in need utilising health facilities in post-conflict settings? A cross-sectional study from South Kivu, eastern DR Congo	1	Article	0
79	Universal access to essential medicines as part of the right to health: a cross-national comparison of national laws, medicines policies, and health system indicators	1	Review	3
80	Investigation of stillbirth causes in Suriname: application of the WHO ICD-PM tool to national-level hospital data	1	Article	2
81	Spousal violence against women and its association with sociodemographic factors and husbands' controlling behaviour: the findings of Myanmar Demographic and Health Survey (2015-2016)	1	Article	1
82	Community perceptions of universal health coverage in eight districts of the Northern and Volta regions of Ghana	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
83	Menstruation practice among school and out-of-school adolescent girls, Lao PDR	1	Article	0
84	Utility of the three-delays model and its potential for supporting a solution-based approach to accessing intrapartum care in low- and middle-income countries. A qualitative evidence synthesis	1	Review	3
85	Measuring management practices in primary health care facilities - development and validation of management practices scorecard in Nigeria	1	Article	0
86	Exclusive breastfeeding among HIV exposed infants from birth to 14 weeks of life in Lira, Northern Uganda: a prospective cohort study	1	Article	0
87	To start or to complete? - Challenges in implementing tuberculosis preventive therapy among people living with HIV: a mixed-methods study from Karnataka, India	1	Article	2
88	Predictors of health care practitioners' normative attitudes and practices towards sexual and reproductive health and rights: a cross-sectional study of participants from low-income countries enrolled in a capacity-building program	1	Article	1
89	Global child health in Germany-Time for action	1	Article	0
90	Anti-corruption, Transparency and Accountability: Case Study of Healthcare in the Arab Countries	1	Article	1
91	Biological larviciding against malaria vector mosquitoes with <i>Bacillus thuringiensis israelensis</i> (Bti)- Long term observations and assessment of repeatability during an additional intervention year of a large-scale field trial in rural Burkina Faso	1	Article	3
92	Playing the complex game of social status in school - a qualitative study	1	Article	0
93	A systems approach to assessing complexity in health interventions: an effectiveness decay model for integrated community case management	1	Article	0
94	Sexual and reproductive health mobile apps: results from a cross-sectional values and preferences survey to inform World Health Organization normative guidance on self-care interventions	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
95	Government stakeholders' perspectives on the family planning environment in three Nigerian cities: qualitative findings from the Nigerian Urban Reproductive Health Initiative (NURHI) Sustainability Study	1	Article	0
96	Ascertaining cause of mortality among middle-aged and older persons using computer-coded and expert review verbal autopsies in the China Health and Retirement Longitudinal Study	1	Review	0
97	Research provides evidence for health policy in Lao PDR	1	Editorial Material	1
98	Knowledge of and attitudes towards abortion among adolescents in Lao PDR	1	Article	0
99	Measuring child survival for the Millennium Development Goals in Africa: what have we learned and what more is needed to evaluate the Sustainable Development Goals?	1	Article	1
100	Strengthening research capacity in LMICs to address the global NCD burden	1	Article	2
101	EviSIP: using evidence to change practice through mentorship - an innovative experience for reproductive health in the Latin American and Caribbean regions	1	Article	2
102	Evaluating health service coverage in Ghana's Volta Region using a modified Tanahashi model	1	Article	4
103	Married couples' dynamics, gender attitudes and contraception use in Savannakhet Province, Lao PDR	1	Article	0
104	Recalibrating the anti-corruption, transparency, and accountability formula to advance public health	1	Article	2
105	A twin disaster: Addressing the COVID-19 pandemic and a cerebrospinal meningitis outbreak simultaneously in a low-resource country	0	Article	3
106	Implications of COVID-19 control measures for diet and physical activity, and lessons for addressing other pandemics facing rapidly urbanising countries	0	Article	11
107	Scale-up integrated care for diabetes and hypertension in Cambodia, Slovenia and Belgium (SCUBY): a study design for a quasi-experimental multiple case study	1	Article	5
108	Quality of family planning services for women of reproductive age in Lao PDR	1	Article	0



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
109	Pregnancy outcomes among women born in Somalia and Sweden giving birth in the Stockholm area - a population-based study	1	Article	1
110	Academic-humanitarian partnerships: leveraging strengths to combat COVID-19	0	Article	3
111	Global progress in tobacco control: the question of policy compliance	1	Article	2
112	Implementing effective e-Learning for scaling up global capacity building: findings from the malnutrition elearning course evaluation in Ghana	1	Article	1
113	Adding video-debriefing to Helping-Babies-Breathe training enhanced retention of neonatal resuscitation knowledge and skills among health workers in Uganda: a cluster randomized trial	1	Article	5
114	Development and application of an electronic treatment register: a system for enumerating populations and monitoring treatment during mass drug administration	1	Article	3
115	Adaptation of a mobile phone health survey for risk factors for noncommunicable diseases in Colombia: a qualitative study	1	Article	2
116	Concerned and Conscious, but DefenselessThe intersection of gender and generation in child malnutrition in Indonesia: a qualitative grounded theory study The intersection of gender and generation in child malnutrition in Indonesia: a qualitative grounded theory study	1	Article	0
117	Human rights mechanisms for anti-corruption, transparency and accountability: enabling the right to health	1	Article	0
118	One-arm safety intervention study on community case management of chest indrawing pneumonia in children in Nigeria - a study protocol	1	Article	0
119	The relationship between Indigenous and allopathic health practitioners in Africa and its implications for collaboration: a qualitative synthesis	1	Article	0
120	'Violence exists to show manhood': Nepali men's views on domestic violence - a qualitative study	1	Article	0
121	Factors influencing sexual and reproductive health among adolescents in Lao PDR	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
122	Promoting anti-corruption, transparency and accountability to achieve universal health coverage	1	Editorial Material	1
123	Everything is from God but it is always better to get to the hospital on time: A qualitative study with community members to identify factors that influence facility delivery in Gombe State, Nigeria	1	Article	0
124	Neurodevelopmental outcomes of preterm babies during infancy in Eastern Uganda: a prospective cohort study	1	Article	3
125	A definition of global oral health: An expert consensus approach by the Consortium of Universities for Global Health's Global Oral Health Interest Group	1	Article	1
126	An interdisciplinary review of digital technologies to facilitate anti-corruption, transparency and accountability in medicines procurement	1	Review	4
127	Factors contributing to the uptake of childhood vaccination in Galkayo District, Puntland, Somalia	1	Article	1
128	We do what we can do to save a woman health workers' perceptions of health facility readiness for management of postpartum haemorrhage	1	Article	5
129	Diabetes in urban Guinea-Bissau; patient characteristics, mortality and prevalence of undiagnosed dysglycemia	1	Article	1
130	Lessons learned about co-creation: developing a complex intervention in rural Peru	1	Article	6
131	Assessing completeness of patient medical records of surgical and obstetric patients in Northern Tanzania	1	Article	4
132	Using a mHealth system to recall and refer existing clients and refer community members with health concerns to primary healthcare facilities in South Africa: a feasibility study	1	Article	2
133	Sexual and reproductive health communication between parents and high school adolescents in Vientiane Prefecture, Lao PDR	1	Article	0
134	Translating international guidelines for use in routine maternal and neonatal healthcare quality measurement	1	Article	0
135	Social, economic, and political events affect gender equity in China, Nepal, and Nicaragua: a matched, interrupted time-series study	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
136	Cesarean delivery and associated socioeconomic factors and neonatal survival outcome in Kenya and Tanzania: analysis of national survey data	1	Article	2
137	Social determinants of health: the role of effective communication in the COVID-19 pandemic in developing countries	0	Article	30
138	Noncommunicable Disease (NCD) strategic plans in low- and lower-middle income Sub-Saharan Africa: framing and policy response	1	Article	3
139	New learnings on drivers of men's physical and/or sexual violence against their female partners, and women's experiences of this, and the implications for prevention interventions	1	Review	16
140	Research challenges in evaluating gender-based violence response services in a refugee camp	1	Article	0
141	The roles, responsibilities and perceptions of community health workers and ward-based primary health care outreach teams: a scoping review	1	Review	2
142	Stillbirth in Lao PDR: a healthcare provider perspective	1	Article	1
143	Pregnancy health literacy among teenagers in Kaysone district, Savannakhet Province, Lao PDR	1	Article	0

**Data source:** Web of Science

**Table S6 List of articles published in *Global Health Epidemiology and Genomics* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Health impact of the Anthropocene: the complex relationship between gut microbiota, epigenetics, and human health, using obesity as an example	1	Review	9
2	Obesity population at risk of COVID-19 complications	0	Review	10
3	Patients' perceptions of self-management of high blood pressure in three low- and middle-income countries: findings from the BPMONITOR study	1	Article	0
4	The Nigerian Bioinformatics and Genomics Network (NBGN): a collaborative platform to advance bioinformatics and genomics in Nigeria	1	Article	0
5	The Sri Lankan twin registry biobank: South Asia's first twin biobank	1	Article	0
6	Tobacco smoking as a risk factor for tuberculous pleural effusion: a case-control study	1	Article	0

**Data source:** Web of Science

**Table S7 List of articles published in *Global Health Promotion* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Le developpement d'une collaboration inter organisationelle durable en promotion de la sante : une analyse processuelle	1	Article	0
2	Analisis de la capacidad de respuesta comunitaria para desarrollar iniciativas de promocion de la salud	1	Article	0
3	Barreras y facilitadores para una alimentacion saludable y actividad fisica en mujeres embarazadas con sobrepeso y obesidad	1	Article	0
4	Contexto de procedencia, autopercepcion y expectativas de los jovenes en situacion de encierro	1	Article	0
5	A consensus-building strategy of health promotion in the Americas	1	Editorial Material	0
6	Une strategie consensuelle de promotion de la sante dans les Ameriques	1	Editorial Material	0
7	Una estrategia consensuada de promocion de la salud en las Americas	1	Editorial Material	0
8	Sleep, physical activity, waist circumference and diet as factors that influence health for reproductive age women in northern Greenland	1	Article	1
9	Analysis of a school-based health education model to prevent opisthorchiasis and cholangiocarcinoma in primary school children in northeast Thailand	1	Article	3
10	The comparative and objective measurement of health promotion capacity-building: from conceptual framework to operationalization	1	Article	0
11	The application of mHealth to monitor implementation of best practices to support healthy eating and physical activity in afterschool programs	1	Article	0
12	Establishing a local coalition for addressing social determinants of hypertension in Quibdo (Colombia): a description and reflection on the process	1	Article	0
13	Comparative impact of fear appeals and induced hypocrisy advertising in encouraging intent to quit smoking: Applying self-construal theory to consumers' attitudes	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
14	Community readiness assessment for disseminating evidence-based physical activity programs to older adults in Changsha, China: a case for Enhance (R) Fitness	1	Article	0
15	Healthy Universities. The development and implementation of a holistic health promotion intervention programme especially adapted for staff working in the higher educational sector: the ARK study	1	Article	3
16	Asymetrie de pouvoir dans les partenariats de recherche en sante mondiale : etude qualitative aupres de chercheurs en Cote d'Ivoire	1	Article	0
17	Health promotion strategy as part of Vision 2050 in Oman: the way forward	1	Editorial Material	1
18	Use of educational technologies in the promotion of children's cardiovascular health: a systematic review	1	Review	1
19	Social capital, gender, and health: an ethnographic analysis of women in a Mumbai slum	1	Article	1
20	Using photovoice to understand the context of cervical cancer screening for underserved communities in rural India	1	Article	0
21	Grounding evaluation design in the socio-ecological model of health: a logic framework for the assessment of a national routine immunization communication initiative in Kyrgyzstan	1	Article	1
22	Developing the culture of ethics in population health intervention research in Canada	1	Article	0
23	A 'whole systems' approach to reduce sugar-sweetened beverage consumption: issues for global health promotion through a small island lens	1	Editorial Material	0
24	Examining the appropriateness and reliability of the strategy of the Kenyan Comprehensive School Health Program	1	Article	1
25	Addressing the commercial determinants of health begins with clearer definition and measurement	1	Editorial Material	6
26	An Internet for Some threatens health for All What effects could the repeal of net neutrality in the USA have on individual and population health?	1	Editorial Material	0
27	A role for traditional doctors in health promotion: experience from a trial of HIV prevention in Botswana	1	Editorial Material	1
28	What are the roles of community health workers? Looking back at the philosophies of primary health care	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
29	Using laws to further public health causes: the Healthy Prisons Agenda	1	Editorial Material	0
30	Addressing the commercial determinants of health begins with a clearer definition and measurement of these determinants	1	Editorial Material	0
31	Better understanding the challenges of the medicalization of HIV prevention in France: pre-exposure prophylaxis through the prism of social sciences	1	Editorial Material	0
32	Considering Commercial Determinants of Health Starts with More Precise Concepts	1	Editorial Material	0
33	Challenges of developing a district child welfare plan in South Africa: lessons from a community-engaged HIV/AIDS research project	1	Article	1
34	Development of a national conceptual framework and measuring tool for Organisational Social Responsibility and Accountability for Health (OSRAH)	1	Article	0
35	Impact of the Nutrition-Friendly School Initiative: analysis of anthropometric and biochemical data among school-aged children in Ouagadougou	1	Article	1
36	A stakeholder analysis of community-led collaboration to reduce health inequity in a deprived neighbourhood in South Korea	1	Article	5
37	Building the capacity - examining the impact of evidence-based public health trainings in Europe: a mixed methods approach	1	Article	3
38	'When you are a data collector you must expect anything'. Barriers, boundaries and breakthroughs: insights from the South African data-collection experience	1	Article	2
39	& xal;Activate Ya! Co-learning about school-based tobacco prevention and physical activity promotion in secondary school students in Uruguay	1	Article	0
40	Reaching marginalized young women for HIV prevention in Botswana: a pilot social network analysis	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
41	Integrative settings approach to workplace health promotion to address contemporary challenges for worker health in the Asia-Pacific	1	Article	1
42	Gendered perceptions of osteoporosis: implications for youth prevention programs	1	Article	0
43	Smokefree leadership among the YoLLATIN SMALL LETTER ENGu peoples of East Arnhem Land, Northern Territory: a qualitative study	1	Article	1
44	Developpement des Zones de Sante d'Apprentissage et de Recherche en Republique Democratique du Congo : enseignements utiles d'une evaluation qualitative des experiences anterieures en Afrique Subsaharienne	1	Article	0
45	Empoderamiento y busqueda de atencion en salud: un factor ignorado de la mortalidad materna en una comunidad indigena mexicana	1	Article	1
46	Desafios para la promocion de la salud: El caso del mercado de las Formulas Infantiles en Mexico	1	Article	0
47	Health Equity in a globalizing era: past challenges, future prospects	1	Book Review	0
48	!Activate Ya! Co-learning about school-based tobacco prevention and physical activity promotion in secondary school students in Uruguay (vol 21, pg 961, 2020)	1	Correction	0
49	Non-communicable disease prevention: best buys, wasted buys and contestable buys	1	Book Review	0
50	Psychosocial empowerment-based interventions for smoking reduction: concepts, measures and outcomes. A systematic review	1	Review	1
51	Pro-equity legislation, health policy and utilisation of sexual and reproductive health services by vulnerable populations in sub-Saharan Africa: a systematic review	1	Review	1
52	Exploring the evolution of health promotion in Namibia: opportunities and obstacles during the post-independence era	1	Article	0
53	Developing leadership in dentists and schoolteachers to improve oral health inequalities	1	Editorial Material	0
54	Primary school-based nutrition education intervention on nutrition knowledge, attitude and practices among school-age children in Ghana	1	Article	0



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
55	Towards a better integration of social sciences in arbovirus research and decision-making: an experience from scientific collaboration between Cuban and Quebec institutions	1	Editorial Material	0
56	Adoption and impact of improved cookstoves in Lambayeque, Peru, 2017	1	Article	3
57	A patchwork approach to gender equality weakens the SDGs: time for cross-cutting action	1	Editorial Material	0
58	A disparate approach to gender equality weakens DOs: time for cross-cutting action	1	Editorial Material	0
59	A partial approach to gender equality weakens the SDG: time for transverse action	1	Editorial Material	2
60	'No one ever asked us': a feasibility study assessing the co-creation of a physical activity programme with adolescent girls	1	Article	2
61	The food of life: an evaluation of the impact of cash grant receipt and good parenting on child nutrition outcomes in South Africa and Malawi	1	Article	1
62	The effect of undergraduate nursing students' e-Health literacy on healthy lifestyle behaviour	1	Article	0
63	Coronavirus disease 2019 and slums in the Global South: lessons from Medellin (Colombia)	0	Editorial Material	0
64	A pilot project: handwashing educational intervention decreases incidence of respiratory and diarrheal illnesses in a rural Malawi orphanage	1	Article	2
65	Maternal and child health: is making 'healthy choices' an oxymoron?	1	Editorial Material	2
66	Perspective on the responsibility of the pharmaceutical industry in the promotion of pediatric research and in access to essential drugs	1	Article	0
67	Roles for mHealth to support Community Health Workers addressing COVID-19	0	Editorial Material	0
68	Health promotion perspectives on the COVID-19 pandemic: The importance of religion	0	Article	9
69	Governmental and public thematic patterns on vaccination during a measles outbreak: the Romanian perspective	1	Article	0
70	Lyrics and artistic improvisations in health promotion for COVID-19 pandemic control in East Africa	0	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
71	What would it take for health promotion to take structural racism seriously?	1	Editorial Material	4
72	What does it take for health promotion to take structural racism seriously?	1	Editorial Material	0
73	Building self-advocacy in HIV care: the use of role-play to examine healthcare access for HIV-positive MSM in rural South Africa	1	Article	0
74	The health and economic burden of the coronavirus in sub-Saharan Africa	0	Editorial Material	3
75	Promoting the health of the population during the COVID-19 crisis: the role of municipalities in the canton of Vaud, in Switzerland	0	Editorial Material	0
76	Políticas públicas de promoción de salud en el contexto del Covid-19, en Chile, una aproximación desde el análisis	0	Article	4
77	Public policies adopted in the COVID-19 pandemic in three Latin American countries: contributions from Health Promotion not to return to the world that existed	0	Article	3

**Data source:** Web of Science

**Table S8 List of articles published in *Global Health Research and Policy* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	What does women's empowerment have to do with malnutrition in Sub-Saharan Africa? Evidence from demographic and health surveys from 30 countries	1	Article	1
2	Estimated cost for cardiovascular disease risk-based management at a primary healthcare center in Nepal	1	Article	2
3	Effect of sharing health messages on antenatal care behavior among women involved in microfinance-based self-help groups in Bihar India	1	Article	0
4	The impact of anti-tobacco legislation on birth weight in Peru	1	Article	10
5	Sex differences in the association between marital status and the risk of cardiovascular, cancer, and all-cause mortality: a systematic review and meta-analysis of 7,881,040 individuals	1	Review	30
6	First two months of the 2019 Coronavirus Disease (COVID-19) epidemic in China: real-time surveillance and evaluation with a second derivative model	0	Article	90
7	The novel coronavirus outbreak in Wuhan, China	0	Article	3
8	Relationships among weight stigma, eating behaviors and stress in adolescents in Wuhan, China	1	Article	10
9	The novel coronavirus outbreak: what can be learned from China in public reporting?	0	Editorial Material	2
10	Frameworks for health systems performance assessment: how comprehensive is Ghana's holistic assessment tool?	1	Article	2
11	A protocol paper: community engagement interventions for cardiovascular disease prevention in socially disadvantaged populations in the UK: an implementation research study	1	Article	2
12	China-UK partnership for global health: practices and implications of the Global Health Support Programme 2012-2019	1	Article	1
13	What is global health? Key concepts and clarification of misperceptions: Report of the 2019 GHRP editorial meeting	1	Article	0
14	The case for gender considerate tobacco control policies in Albania	1	Article	6
15	Canada's role in strengthening global health security during the COVID-19 pandemic	0	Editorial Material	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
16	Developing a framework to inform scale-up success for population health interventions: a critical interpretive synthesis of the literature	1	Review	4
17	Maternal PM2.5 exposure triggers preterm birth: a cross-sectional study in Wuhan, China	1	Article	25
18	Current efforts and challenges facing responses to 2019-nCoV in Africa	0	Editorial Material	10
19	Modeling the trend of coronavirus disease 2019 and restoration of operational capability of metropolitan medical service in China: a machine learning and mathematical model-based analysis	0	Article	6
20	Where is the policy? A bibliometric analysis of the state of policy research on medical tourism	1	Review	4
21	Coordinated multi-sectoral efforts needed to address the COVID-19 pandemic: lessons from China and the United States	0	Editorial Material	4
22	Managing healthcare delivery system to fight the COVID-19 epidemic: experience in Japan	0	Editorial Material	0
23	Legal reflections on the case of genome-edited babies	1	Editorial Material	9
24	Reconstructing and forecasting the COVID-19 epidemic in the United States using a 5-parameter logistic growth model	0	Article	0
25	The China-UK Global Health Support Programme: looking for new roles and partnerships in changing times	1	Article	0
26	Developing a framework to inform scale-up success for population health interventions: a critical interpretive synthesis of the literature (vol 5, 18, 2020)	1	Correction	95
27	Social isolation and loneliness among older adults in the context of COVID-19: a global challenge	0	Article	41
28	Survivors of COVID-19 are at high risk of posttraumatic stress disorder	0	Article	13
29	Influence of population mobility on the novel coronavirus disease (COVID-19) epidemic: based on panel data from Hubei, China	0	Article	0
30	Influence of population mobility on the novel coronavirus disease (COVID-19) epidemic: based on panel data from Hubei, China (vol 5, 30, 2020)	0	Correction	19

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
31	The need for COVID-19 research in low- and middle-income countries	0	Editorial Material	1
32	Evidence on result-based financing in maternal and child health in low- and middle-income countries: a systematic review	1	Review	3
33	Engaging the communities in Wuhan, China during the COVID-19 outbreak	0	Editorial Material	8
34	China's model to combat the COVID-19 epidemic: a public health emergency governance approach	0	Editorial Material	6
35	Digital technology applications for contact tracing: the new promise for COVID-19 and beyond?	0	Editorial Material	4
36	Bibliometric analysis of global research output on antimicrobial resistance in the environment (2000-2019)	1	Article	7
37	Optimal control on a mathematical model to pattern the progression of coronavirus disease 2019 (COVID-19) in Indonesia	0	Article	10
38	The impact of air pollution on the incidence and mortality of COVID-19	0	Editorial Material	7
39	The impact of the COVID-19 pandemic on firms: a survey in Guangdong Province, China	0	Article	2
40	Timely mental health services contribute to the containment of COVID-19 pandemic in China	0	Editorial Material	0
41	Gender-specific temporal trends in overweight prevalence among Chinese adults: a hierarchical age-period-cohort analysis from 2008 to 2015	1	Article	4
42	First month of the epidemic caused by COVID-19 in Italy: current status and real-time outbreak development forecast	0	Article	1
43	China's global engagement to fight the novel coronavirus pandemic	0	Article	1
44	The effects of the primary health care providers' prescription behavior interventions to improve the rational use of antibiotics: a systematic review	1	Review	0
45	The potential impact of a curative intervention for HIV: a modelling study (vol 4, 18, 2019)	1	Correction	2
46	A collaborative effort of China in combating COVID-19	0	Editorial Material	0
47	Evaluation of a multidisciplinary global health online course in Mexico	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
48	Exploring perspectives on antimicrobial stewardship: a qualitative study of health managers in Kenya	1	Article	9
49	Geographical distribution of hyperuricemia in mainland China: a comprehensive systematic review and meta-analysis	1	Review	1
50	The association between area of residence and sufficient antenatal tetanus vaccination in women ages 15-49 in Afghanistan: an analysis of the 2015 DHS dataset	1	Article	1
51	Strengthening the migrant-friendliness of Thai health services through interpretation and cultural mediation: a system analysis	1	Article	5
52	The epidemiological characteristics of deaths with COVID-19 in the early stage of epidemic in Wuhan, China	0	Article	12
53	Application of artificial neural networks to predict the COVID-19 outbreak	0	Article	0
54	The epidemiological characteristics of deaths with COVID-19 in the early stage of epidemic in Wuhan, China (vol 5, 54, 2020)	0	Correction	0

**Data source:** Web of Science

**Table S9 List of articles published in *Global Health-Science and Practice* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	A Qualitative Exploration of Community Ownership of a Maternity Waiting Home Model in Rural Zambia	1	Article	2
2	Coaching Intensity, Adherence to Essential Birth Practices, and Health Outcomes in the BetterBirth Trial in Uttar Pradesh, India	1	Article	1
3	A Rapid Review of Available Evidence to Inform Indicators for Routine Monitoring and Evaluation of Respectful Maternity Care	1	Review	1
4	Insights Into Provider Bias in Family Planning from a Novel Shared Decision Making Based Counseling Initiative in Rural Indigenous Guatemala	1	Article	1
5	Meeting the Global Target in Reproductive, Maternal, Newborn, and Child Health Care Services in Low- and Middle-Income Countries	1	Article	3
6	Capturing Acquired Wisdom, Enabling Healthful Aging, and Building Multinational Partnerships Through Senior Global Health Mentorship	1	Editorial Material	0
7	Multimonth Dispensing of Antiretroviral Therapy Protects the Most Vulnerable From 2 Pandemics at Once	1	Editorial Material	5
8	Doing Things Differently: What It Would Take to Ensure Continued Access to Contraception During COVID-19	0	Editorial Material	5
9	Diagnostic Utility and Impact on Clinical Decision Making of Focused Assessment With Sonography for HIV-Associated Tuberculosis in Malawi: A Prospective Cohort Study	1	Article	0
10	Effectiveness of mHealth Interventions for Improving Contraceptive Use in Low- and Middle-Income Countries: A Systematic Review	1	Review	2
11	What Makes a National Pharmaceutical Track and Trace System Succeed? Lessons From Turkey	1	Article	1
12	Scaling Up Access to Implants: A Summative Evaluation of the Implants Access Program	1	Article	1
13	Breaking Specialty Silos: Improving Global Child Health Through Essential Surgical Care	1	Editorial Material	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
14	Evaluating the Implementation of an Intervention to Improve Postpartum Contraception in Tanzania: A Qualitative Study of Provider and Client Perspectives	1	Article	2
15	Prevention of COVID-19 in Internally Displaced Persons Camps in War-Torn North Kivu, Democratic Republic of the Congo: A Mixed-Methods Study	0	Article	2
16	Matching Development of Point-of-Care Diagnostic Tests to the Local Context: A Case Study of Visceral Leishmaniasis in Kenya and Uganda	1	Article	1
17	The Critical Role and Evaluation of Community Mobilizers in Polio Eradication in Remote Settings in Africa and Asia	1	Article	3
18	Implementation and Scale-Up of the Standard Days Method of Family Planning: A Landscape Analysis	1	Review	1
19	Juntos: A Support Program for Families Impacted by Congenital Zika Syndrome in Brazil	1	Article	0
20	Recall Efforts Successfully Increase Follow-Up for Cervical Cancer Screening Among Women With Human Papillomavirus in Honduras	1	Article	1
21	A Qualitative Assessment of Provider and Client Experiences With 3- and 6-Month Dispensing Intervals of Antiretroviral Therapy in Malawi	1	Article	9
22	Where Do Caregivers Take Their Sick Children for Care? An Analysis of Care Seeking and Equity in 24 USAID Priority Countries	1	Article	3
23	Mask Reuse in the COVID-19 Pandemic: Creating an Inexpensive and Scalable Ultraviolet System for Filtering Facepiece Respirator Decontamination	0	Article	8
24	Contraception in the Era of COVID-19	0	Editorial Material	14
25	Institutionalization of Projects Into Districts in Low- and Middle-Income Countries Needs Stewardship, Autonomy, and Resources	1	Editorial Material	3
26	What Goes In Must Come Out: A Mixed-Method Study of Access to Contraceptive Implant Removal Services in Ghana	1	Article	1



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
27	Costing Analysis of a Pilot Community Health Worker Program in Rural Nepal	1	Article	0
28	Beyond No Blame: Practical Challenges of Conducting Maternal and Perinatal Death Reviews in Eastern Ethiopia	1	Editorial Material	0
29	A Practical Guide to Using Time-and-Motion Methods to Monitor Compliance With Hand Hygiene Guidelines: Experience From Tanzanian Labor Wards	1	Article	0
30	Integrating Calcium Into Antenatal Iron-Folic Acid Supplementation in Ethiopia: Women's Experiences, Perceptions of Acceptability, and Strategies to Support Calcium Supplement Adherence	1	Article	1
31	Top 10 Resources in Global Surgery	1	Article	1
32	Ebola: A Hyperinflated Emergency	1	Editorial Material	0
33	Unmet Need for Family Planning and Experience of Unintended Pregnancy Among Female Sex Workers in Urban Cameroon: Results From a National Cross-Sectional Study	1	Article	2
34	A Rapid Cost Modeling Tool for Evaluating and Improving Public Health Supply Chain Designs	1	Article	0
35	Implementation of a Pediatric Early Warning Score to Improve Communication and Nursing Empowerment in a Rural District Hospital in Rwanda	1	Article	1
36	Determinants of Facility-Level Use of Electronic Immunization Registries in Tanzania and Zambia: An Observational Analysis	1	Article	0
37	Factors That Influence Data Use to Improve Health Service Delivery in Low- and Middle-Income Countries	1	Review	2
38	Counseling Is a Relationship Not Just a Skill: Re-conceptualizing Health Behavior Change Communication by India's Accredited Social Health Activists	1	Editorial Material	0
39	Behavioral Insights Into Micronutrient Powder Use for Childhood Anemia in Arequipa, Peru	1	Article	0
40	Factors Associated With Delayed Contraceptive Implant Removal in Ethiopia	1	Article	0
41	Designing and Evaluating Scalable Child Marriage Prevention Programs in Burkina Faso and Tanzania: A	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	Quasi-Experiment and Costing Study			
42	Effects of a Community-Based Program on Voluntary Modern Contraceptive Uptake Among Young First-Time Parents in Cross River State, Nigeria	1	Article	0
43	Close to Home: Evidence on the Impact of Community-Based Girl Groups	1	Review	3
44	Routine Family Planning Data in the Low- and Middle-Income Country Context: A Synthesis of Findings From 17 Small Research Grants	1	Review	0
45	Bringing Greater Precision to Interactions Between Community Health Workers and Households to Improve Maternal and Newborn Health Outcomes in India	1	Article	6
46	Will the Higher-Income Country Blueprint for COVID-19 Work in Low- and Lower Middle-Income Countries?	0	Editorial Material	10
47	Practical Implications of Policy Guidelines: A GIS Model of the Deployment of Community Health Volunteers in Madagascar	1	Article	2
48	Are We Using the Right Approach to Change Newborn Care Practices in the Community? Qualitative Evidence From Ethiopia and Northern Nigeria	1	Article	2
49	What Is Global Health: Science and Practice Doing to Address Power Imbalances in Publishing?	1	Editorial Material	2
50	Measuring Service Quality and Assessing Its Relationship to Contraceptive Discontinuation: A Prospective Cohort Study in Pakistan and Uganda	1	Article	2
51	Coping With COVID-19: Learning From Past Pandemics to Avoid Pitfalls and Panic (vol 8, pg 155, 2020)	0	Correction	0
52	Using Community Health Workers and a Smartphone Application to Improve Diabetes Control in Rural Guatemala	1	Article	1
53	Impact of Improved Biomass and Liquid Petroleum Gas Stoves on Birth Outcomes in Rural Nepal: Results of 2 Randomized Trials	1	Article	8
54	National Surgical, Obstetric, and Anesthesia Plans Supporting the Vision of Universal Health Coverage	1	Article	5

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
55	A Cluster-Randomized Trial to Test Sharing Histories as a Training Method for Community Health Workers in Peru	1	Article	1
56	Go Where the Virus Is: An HIV Micro-epidemic Control Approach to Stop HIV Transmission	1	Editorial Material	0
57	Opportunities and Challenges of Delivering Postabortion Care and Postpartum Family Planning During the COVID-19 Pandemic	0	Editorial Material	5
58	How Should Home-Based Maternal and Child Health Records Be Implemented? A Global Framework Analysis	1	Article	3
59	Contraceptive Method Mix: Updates and Implications	1	Article	5
60	Lessons Learned From Implementing Prospective, Multicountry Mixed-Methods Evaluations for Gavi and the Global Fund	1	Article	0
61	Learning from Community Health Worker Programs, Big and Small	1	Editorial Material	2
62	Community Ownership in Primary Health Care-Managing the Intangible	1	Editorial Material	2
63	Private Providers' Experiences Implementing a Package of Interventions to Improve Quality of Care in Kenya: Findings From a Qualitative Evaluation	1	Article	1
64	Learning From Neighbors	1	Editorial Material	0
65	A Qualitative Comparative Analysis of the Drivers of HIV Status Knowledge in Orphans and Vulnerable Children in Mozambique	1	Article	0
66	The All Babies Count Initiative: Impact of a Health System Improvement Approach on Neonatal Care and Outcomes in Rwanda	1	Article	3
67	Coping With COVID-19: Learning From Past Pandemics to Avoid Pitfalls and Panic	0	Editorial Material	9
68	Improving Hospital Oxygen Systems for COVID-19 in Low-Resource Settings: Lessons From the Field	0	Article	9
69	Implementing the Clean Clinic Approach Improves Water, Sanitation, and Hygiene Quality in Health Facilities in the Western Highlands of Guatemala	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
70	District Health Teams' Readiness to Institutionalize Integrated Community Case Management in the Uganda Local Health Systems: A Repeated Qualitative Study	1	Article	2
71	Remote Mentorship Using Video Conferencing as an Effective Tool to Strengthen Laboratory Quality Management in Clinical Laboratories: Lessons From Cambodia	1	Article	2
72	What Makes a National Pharmaceutical Track and Trace Succeed? Lessons From Turkey (vol 8, pg 863, 2020)	1	Correction	0
73	Using Patient-Reported Outcome Measures to Promote Patient-Centered Practice: Building Capacity Among Pediatric Physiotherapists in Rwanda	1	Article	0
74	Health Care Worker Preferences and Perspectives on Doses per Container for 2 Lyophilized Vaccines in Senegal, Vietnam, and Zambia	1	Article	2
75	Two-Way Short Message Service (SMS) Communication May Increase Pre-Exposure Prophylaxis Continuation and Adherence Among Pregnant and Postpartum Women in Kenya	1	Article	4

**Data source:** Web of Science

**Table S10 List of articles published in *Global Mental Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Acceptability and feasibility of using actigraphy to assess habitual physical activity and sleep parameters in men and women living in rural communities in conflict-affected Eastern Democratic Republic of Congo	1	Article	0
2	Barriers and facilitators of child and guardian attendance in task-shifted mental health services in schools in western Kenya	1	Article	0
3	Building a strategic educator-psychiatrist alliance to support the mental health of students during the outbreak of COVID-19 in China	0	Editorial Material	1
4	Caregiving burden and mental health problems among family caregivers of people with dementia in rural Uganda	1	Article	3
5	Changes in prevalence of mental disorders among internally displaced persons in central Sudan: a 1-year follow-up study	1	Article	0
6	Contextualizing and pilot testing the Mental Health Gap Action Programme Intervention Guide (mhGAP-IG) to primary healthcare workers in Kilifi, Kenya	1	Article	2
7	Depression among TB patients and associated factors in Kathmandu Valley, Nepal	1	Article	0
8	Development of a comprehensive, sustained community mental health system in post-earthquake Haiti, 2010-2019	1	Article	4
9	Disability, violence, and mental health among Somali refugee women in a humanitarian setting	1	Article	1
10	Effectiveness of a peer-led adolescent mental health intervention on HIV virological suppression and mental health in Zimbabwe: protocol of a cluster-randomised trial	1	Article	3
11	Expressions of psychological distress in Sierra Leone: implications for community-based prevention and response	1	Article	3
12	Factors influencing medical students and psychiatry residents in Ghana to consider psychiatry as a career option - a qualitative study	1	Article	0
13	Impact of pandemic on mental health in lower- and middle-income countries (LMICs)	1	Editorial Material	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
14	Implementation outcomes and strategies for depression interventions in low- and middle-income countries: a systematic review	1	Review	7
15	Incidence of depression in people with newly diagnosed tuberculosis in Ethiopia: a cohort study	1	Article	0
16	Interpersonal violence and mental health: a social justice framework to advance research and practice	1	Editorial Material	4
17	'Jack be nimble, Jack be quick horizontal ellipsis ': mental health and psychosocial response in the time of coronavirus	1	Editorial Material	1
18	Justice for George Floyd and a reckoning for global mental health	1	Article	10
19	Justice for George Floyd and a reckoning for global mental health	1	Correction	10
20	Law enforcement and mental health clinician partnerships in global mental health: outcomes for the Crisis Intervention Team (CIT) model adaptation in Liberia, West Africa	1	Article	0
21	Measuring functional disability in children with developmental disorders in low-resource settings: validation of Developmental Disorders-Children Disability Assessment Schedule (DD-CDAS) in rural Pakistan	1	Article	3
22	Measuring functional disability in children with developmental disorders in low-resource settings: validation of Developmental Disorders-Children Disability Assessment Schedule (DD-CDAS) in rural Pakistan (vol 7, E17, 2020)	1	Correction	0
23	Measuring mental health and well-being of South African undergraduate students	1	Article	4
24	Mental health disorders and utilization of mental healthcare services in United Nations personnel	1	Article	1
25	Mental health research capacity building in sub-Saharan Africa: the African Mental Health Research Initiative	1	Editorial Material	3
26	Pandemic anxiety and its correlates among young doctors working frontline in Pakistan	1	Article	4
27	Patient-level predictors of detection of depressive symptoms, referral, and uptake of depression counseling among chronic care patients in KwaZulu-Natal, South Africa	1	Article	1
28	Philanthropy for global mental health 2000-2015	1	Article	3
29	Strengthening parenting in conflict-affected communities: development of the Caregiver Support Intervention	1	Article	5

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
30	Suicide on Facebook-the tales of unnoticed departure in Bangladesh	1	Article	2
31	The impact of leprosy on the mental wellbeing of leprosy-affected persons and their family members - a systematic review	1	Review	4
32	The need to shift to a contextualized and collective mental health paradigm: learning from crisis-hit Lebanon	1	Editorial Material	3
33	The prevalence of mental health problems in sub-Saharan adolescents living with HIV: a systematic review	1	Review	8
34	The treatment of mental illness in faith-based and traditional healing centres in Ghana: perspectives of service users and healers	1	Article	0
35	When less is more: reducing redundancy in mental health and psychosocial instruments using Item Response Theory	1	Article	2

**Data source:** Web of Science

**Table S11 List of articles published in *Global Public Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	ART uptake and adherence among female sex workers (FSW) globally: A scoping review	1	Review	1
2	Linking HIV-positive people in addiction care to HIV services in St. Petersburg, Russia - Mixed-methods implementation study of strengths-based case management	1	Article	0
3	Reproductive healthcare for women in IDP camps in Nigeria: An analysis of structural gaps	1	Article	1
4	A systematic review and meta-analysis of dementia prevalence in seven developing countries: A STRiDE project	1	Review	9
5	Examining the evidence of microfinance on non-communicable disease health indicators and outcomes: A systematic literature review	1	Review	0
6	Queer necropolitics of asylum: Senegalese refugees facing HIV in Mauritania	1	Article	2
7	Impacts of the Global Gag Rule on sexual and reproductive health and rights in the Global South: A scoping review	1	Review	1
8	When marriage is the best available option: Perceptions of opportunity and risk in female adolescence in Tanzania	1	Article	2
9	Exploring the impact of COVID-19 pandemic lockdown on informal settlements in Tshwane Gauteng Province, South Africa	0	Article	7
10	The world expects effective global health interventions: Can global health deliver?	1	Article	1
11	'I guess we have to treat them, but horizontal ellipsis ': health care provider perspectives on management of women presenting with unsafe abortion in Botswana	1	Article	0
12	Cultural adaptation and validation of a measure of prejudice against men who have sex with men among healthcare providers in western Kenya	1	Article	1
13	Private sector healthcare in Bangladesh: Implications for social justice and the right to healthcare	1	Article	1
14	A scoping review of sexual transmission related HIV research among key populations in Malaysia: Implications for interventions across the HIV care cascade	1	Review	2



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
15	Structural inequities, HIV vulnerability and women's agency: Street-based sex workers in Nigeria	1	Article	3
16	The comparative politics of COVID-19: The need to understand government responses	0	Article	60
17	Whither syndemics?: Trends in syndemics research, a review 2015-2019	1	Review	18
18	The relationship between intimate partner violence and probable depression among adolescent girls and young women in Lilongwe, Malawi	1	Article	0
19	Complexities in the process of translating research documents in cross-cultural settings	1	Article	1
20	The Brazilian cash transfer program (Bolsa Familia): A tool for reducing inequalities and achieving social rights in Brazil	1	Article	6
21	Sociocultural, behavioural and political factors shaping the COVID-19 pandemic: the need for a biocultural approach to understanding pandemics and (re)emerging pathogens	0	Article	7
22	Does health service utilisation mediate the effect of disability on psychological distress: Evidence from a national representative survey in Australia	1	Article	2
23	'Most importantly, I hope God keeps illness away from us': The context and challenges surrounding access to health care for Syrian refugees in Lebanon	1	Article	0
24	Medicines in Western Sahara Refugee Camps in Tindouf: Prescriptions and self-medication mixing in the drawer	1	Article	1
25	Understanding kidney disease in rural central Uganda - Findings from a qualitative study	1	Article	1
26	A critical comparative ethnographic study of courtesy stigma in two leprosy-impacted communities in Indonesia	1	Article	0
27	Sword and Shield: Perceptions of law in empowering and protecting HIV-positive men who have sex with men in Manila, Philippines	1	Article	1
28	Women's business? A social network study of the influence of men on decision-making regarding female genital mutilation/cutting in Senegal	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
29	Investigating the implementation of differentiated HIV services and implications for pregnant and postpartum women: A mixed methods multi-country study	1	Article	0
30	Structural competency and global health education	1	Article	3
31	The end of AIDS? HIV and the new landscape of illness in rural South Africa	1	Article	4
32	Experiences of minority stress among gay, bisexual, and other men who have sex with men (GBMSM) in Nigeria, Africa: The intersection of mental health, substance use, and HIV sexual risk behavior	1	Article	4
33	Understanding the capacity of community-based groups to mobilise and engage in social action for health: Results from Avahan	1	Article	0
34	Association between gender disadvantage factors and postnatal psychological distress among young women: A community-based study in rural India	1	Review	2
35	Signs and strategies to deal with food insecurity and consumption of ultra-processed foods among Amazonian mothers	1	Article	2
36	BARRIERS Preventing Access by Men who have Sex with Men to HIV-related health services in SOUTHEAST Asia: A Scoping Review	1	Review	0
37	A qualitative examination of alcohol use and IPV among Nepali couples in a violence prevention intervention	1	Article	0
38	A rights-based approach to public health emergencies: The case of the 'More Rights, Less Zika' campaign in Brazil	1	Article	2
39	Response to the comments on 'A systematic review and meta-analysis of dementia prevalence in seven developing countries: A STRiDE project'	1	Letter	0
40	Undercounting of suicides: Where suicide data lie hidden	1	Article	6
41	Suicide behaviour among adolescents in a high HIV prevalence region of western Kenya: A mixed-methods study	1	Article	2
42	Stigmatisation of alcohol use among people receiving antiretroviral therapy for HIV infection, Cape Town, South Africa	1	Article	5

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
43	'To minimise that risk, there are some costs we incur': Examining the impact of gender-based violence on the urban poor	1	Article	0
44	Community health worker home visiting in deeply rural South Africa: 12-month outcomes	1	Article	0
45	'Our life is pointless ... ': Exploring discrimination, violence and mental health challenges among sexual and gender minorities from Brazil	1	Article	2
46	Hepatitis C incidence and prevalence among Puerto Rican people who use drugs in New York City	1	Article	5
47	Beyond the talking imperative: The value of silence on sexuality in youth-parent relations in Bangladesh	1	Article	3
48	Women's work at end of life: The intersecting gendered vulnerabilities of patients and caregivers in rural Malawi	1	Article	2
49	A cohort study to assess a communication intervention to improve linkage to HIV care in Nakivale Refugee Settlement, Uganda	1	Article	0
50	Perceptions of chronic kidney disease among at-risk adults in rural Guatemala	1	Article	0
51	Challenges and needs for social behavioural research and community engagement activities during the COVID-19 pandemic in rural Mozambique	0	Editorial Material	3
52	Non-partner sexual violence experience and toilet type amongst young (18-24) women in South Africa: A population-based cross-sectional analysis	1	Article	1
53	Knowledge and misconceptions surrounding family planning among Young Maasai women in Kenya	1	Article	0
54	Lessons from a Canada-China cross-national qualitative suicide research collaboration	1	Article	1
55	Men and COVID-19: Adding a gender lens	0	Editorial Material	13
56	The impact of psychosocial interventions on condom and contraceptive use in LMICs: Meta-analysis of randomised controlled trials	1	Article	2
57	There's no such thing as a free TB diagnosis: Catastrophic TB costs in Urban Uganda	1	Article	4

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
58	Implementation and evaluation of a culturally grounded group-based HIV prevention programme for men who have sex with men in Ghana	1	Article	3
59	Maternal and neonatal service delivery by traditional birth attendants in rural Benin: A case for integration?	1	Article	1
60	Health systems responsiveness among older adults: Findings from the World Health Organization Study on global AGEing and adult health	1	Article	1
61	Disability status and violence against women in the home in North Kivu, Democratic Republic of Congo	1	Article	0
62	Beyond biomedical and comorbidity approaches: Exploring associations between affinity group membership, health and health seeking behaviour among MSM/MSW in Nairobi, Kenya	1	Article	0
63	Understanding family-based health insurance enrolment among informal sector workers in a rural district of Vietnam: Adverse selection and key determinants	1	Article	0
64	'The last line of marketing': Covert tobacco marketing tactics as revealed by former tobacco industry employees	1	Article	1
65	Travel restrictions as a disease control measure: Lessons from yellow fever	1	Article	4
66	Care seeking and treatment for hepatitis C infection in Rwanda: A qualitative study of patient experiences	1	Article	0
67	Understanding risk perception from traditional knowledge of Mayan farmers on Rickettsioses	1	Article	0
68	Health system's response to the COVID-19 pandemic in conflict settings: Policy reflections from Palestine	0	Editorial Material	19
69	Attitudes toward tobacco cessation and lung cancer screening in two South African communities	1	Article	0
70	The collective power of women's organisations in Chuuk, FSM	1	Article	1
71	Training lay counsellors in public health: Considerations for social workers, professional counsellors and psychologists	1	Editorial Material	2
72	Childhood malnutrition within the indigenous Wayuu children of northern Colombia	1	Article; Early Access	3
73	Effective supervision of doctoral students in public and population health in Africa: CARTA supervisors' experiences,	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	challenges and perceived opportunities			
74	Methadone maintenance treatment in Ho Chi Minh City, Vietnam: Multidimensional measure of adherence and associated factors	1	Article	0
75	Understanding the health systems impacts of Universal Test and Treat in sub-Saharan Africa: The Shape UTT study	1	Editorial Material	0
76	COVID-19 vaccines and treatments nationalism: Challenges for low-income countries and the attainment of the SDGs	0	Article	31
77	The Influence of Organised Diffusion on Social Norms Change: Addressing Intimate Partner Violence in Nepal	1	Article	0
78	Balancing professional autonomy and authority at the margins of a fragile state: Front-line health workers' experiences in Burkina Faso	1	Article	0
79	Requests for medication abortion support in Brazil during and after the Zika epidemic	1	Article	0
80	Sexual transmission of Zika virus on Twitter: A depoliticised epidemic	1	Article	0
81	Promoting male circumcision as HIV prevention in sub-Saharan Africa: An evaluation of the ethical and pragmatic considerations of adopting a demand creation approach	1	Article	4
82	Behavioural barriers and perceived trade-offs to care-seeking for tuberculosis in the Philippines	1	Article	0
83	Hidden healthcare populations: using intersectionality to theorise the experiences of LGBT plus people in Nigeria, Africa	1	Article	0
84	Anxious depression in patients with Type 2 Diabetes Mellitus and its relationship with medication adherence and glycemic control	1	Article	2
85	Pesticide exposure and risk of cardiovascular disease: A systematic review	1	Review; Early Access	3
86	A situation analysis of the state of supply of in vitro diagnostics in Low-Income Countries	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
87	Intimate partner violence and postpartum emotional distress among South African women: Moderating effects of resilience and vulnerability factors	1	Article	0
88	Cost variations in prevention of mother-to-child HIV transmission services integrated within maternal and child health services in rural Tanzania	1	Article	0
89	'If the results are negative, they motivate us'. Experiences of early infant diagnosis of HIV and engagement in Option B	1	Article	1
90	Enhancing agency for health providers and pregnant women experiencing intimate partner violence in South Africa	1	Article	1
91	Protecting health during COVID-19 and beyond: A global examination of paid sick leave design in 193 countries*	0	Article	13
92	Implementing a One Health village volunteer programme in West Sulawesi, Indonesia: A pilot study	1	Article	0
93	Exploring decision makers' knowledge, attitudes and practices about decentralisation and health resources transfer to local governments in Burkina Faso	1	Article; Early Access	0
94	Appraising and addressing design and implementation failure in global health: A pragmatic framework	1	Editorial Material	2
95	A comparison of health indicators and social determinants of health between Israel and the Occupied Palestinian Territories	1	Article	1
96	How far do parenting programmes help change norms underpinning violence against adolescents? Evidence from low and middle-income countries	1	Article	3
97	In the shadow of HIV & TB: A commentary on the COVID epidemic in South Africa	0	Editorial Material	14
98	Investigating global mental health: Contributions from political science	1	Article	1
99	Crisis management in authoritarian regimes: A comparative study of COVID-19 responses in Turkey and Iran	0	Article	4
100	Women's political empowerment and child health in the sustainable development era: A global empirical analysis (1990-2016)	1	Article; Early Access	2
101	The global politics of the age-gender divide in violence against women and children	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
102	Is expanding service through an outreach programme enough to improve immunisation uptake? A qualitative study in Indonesia	1	Article	3
103	Global health research became the norm: A response to 'what happened to the global forum for health research?'	1	Editorial Material	0
104	Assessing the implementation of facility-based HIV testing policies in Malawi, South Africa and Tanzania from 2013-2018: Findings from SHAPE-UTT study	1	Article	1
105	Depression and coping strategies among Vietnamese women living with HIV: A qualitative study	1	Article	0
106	The Ashodaya PrEP project: Lessons and implications for scaling up PrEP from a community-led demonstration project among female sex workers in Mysore, India	1	Article	5
107	Adaptation and biomedical transition of people living with HIV to antiretroviral treatment in Burkina Faso	1	Article	1
108	A systematic review and meta-analysis assessing the impact of droughts, flooding, and climate variability on malnutrition	1	Review	3
109	Antimicrobial overuse in India: A symptom of broader societal issues including resource limitations and financial pressures	1	Article	1
110	Country-level factors associated with the early spread of COVID-19 cases at 5, 10 and 15 days since the onset	0	Article	13
111	Acceptability of the human papillomavirus vaccine in schools in Lusaka in Zambia: Role of community and formal health system factors	1	Article	0
112	Assessing oral health of crack users in Brazil: Perceptions and associated factors, findings from a mixed methods study	1	Article	0
113	Structural barriers to adhering to health behaviours in the context of the COVID-19 crisis: Considerations for low- and middle-income countries	0	Article	17
114	The role of mentoring in research ecosystems in Sub-Saharan Africa: Some experiences through the CARTA opportunity	1	Article	2
115	Human trafficking: The relationship between government efforts & survivor punishment	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
116	'I feel safer in the streets than at home': Rethinking harm reduction for women in the urban margins	1	Article	0
117	'They are a shame to the community ... ' stigma, school attendance, solitude and resilience among pregnant teenagers and teenage mothers in Mahama refugee camp, Rwanda	1	Article	5
118	Rethinking development interventions through the lens of decoloniality in sub-Saharan Africa: The case of global health	1	Editorial Material	0
119	Trust, community health workers and delivery of intermittent preventive treatment of malaria in pregnancy: a comparative qualitative analysis of four sub-Saharan countries	1	Article	2
120	Precarious Lives: Forced sterilisation and the struggle for reproductive justice in Peru	1	Article	0
121	Social network and social normative characteristics of married female adolescents in Dosso, Niger: Associations with modern contraceptive use	1	Article	3
122	Diffusion in social norms change about violence against women: A longitudinal analysis of intervention data from a cluster randomised trial	1	Article	0
123	Lifting lockdown policies: A critical moment for COVID-19 stigma	0	Article	4
124	Seeing the bigger picture: Author's response to global health research became the norm: A response to 'what happened to the global forum for health research'	1	Editorial Material	0
125	Typologies of violence against women in Brazil: A latent class analysis of how violence and HIV intersect	1	Article	1
126	Socioecological determinants of community resource utilisation among low-income women in Mexico City who experienced male-to-female intimate partner violence	1	Article	1
127	Implications of HIV treatment policies on the health workforce in rural Malawi and Tanzania between 2013 and 2017: Evidence from the SHAPE-UTT study	1	Article	1
128	YouTube as a source of medical information on the novel coronavirus 2019 disease (COVID-19) pandemic	0	Article	22



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
129	Providing healthcare to Ebola survivors: A qualitative exploratory investigation of healthcare providers' views and experiences in Sierra Leone	1	Article	2
130	Does free-market capitalism drive unequal access to health? An empirical analysis, 1970-2015	1	Article	1
131	Violence against women in urban slums of India: A review of two decades of research	1	Review	0
132	Early sexual debut: A multi-country, sex-stratified analysis in sub-Saharan Africa	1	Article	0
133	Influence of evolving HIV treatment guidance on CD4 counts and viral load monitoring: A mixed-methods study in three African countries	1	Article	2
134	Health non-governmental organizations (NGOs) amidst civil unrest: Lessons learned from Nicaragua	1	Article	0
135	Social networks for health communication in rural Uganda: A mixed-method analysis of Dekabusa Trading Centre, Luwero County (vol 52, pg 931, 2020)	1	Correction	0
136	The effects of COVID-19 on the health and socio-economic security of sex workers in Nairobi, Kenya: Emerging intersections with HIV	0	Editorial Material	19
137	How does socioeconomic development in Brazil shape social inequalities in diabetes?	1	Article	0
138	Institutional overlap and access to medicines in MERCOSUR and UNASUR (2008-2018). Cooperation before the collapse?	1	Article	3
139	Sociocultural, behavioural and political factors shaping the COVID-19 pandemic: the need for a biocultural approach to understanding pandemics and (re)emerging pathogens (vol 16, pg 17, 2020)	0	Correction; Early Access	0
140	Understanding the influence of health systems on women's experiences of Option B plus : A meta-ethnography of qualitative research from sub-Saharan Africa	1	Review	2
141	Girls and women speak out from Afghan moral prisons: Tackling extremism and violence against women in a conflict environment	1	Article	2
142	The impacts of contraceptive stock-outs on users, providers, and facilities: A systematic literature review	1	Review	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
143	Should female community health volunteers (FCHVs) facilitate a response to gender-based violence (GBV)? A mixed methods exploratory study in Mangalsen, Nepal	1	Article	0
144	The routine of the street outreach office team: Procedures and care for the homeless	1	Article	0
145	COVID-19 pandemic and Rohingya refugees in Bangladesh: What are the major concerns?	0	Editorial Material	5
146	A look into the challenges and complexities of managing low back pain in Mexico	1	Article	0
147	Medical populism and the COVID-19 pandemic	0	Article	44
148	How district health decision-making is shaped within decentralised contexts: A qualitative research in Malawi, Uganda and Ghana	1	Article	3
149	Bridging the commitment-compliance gap in global health politics: Lessons from international relations for the global action plan on antimicrobial resistance	1	Article	1
150	What Happened to the Global Forum for Health Research?	1	Article	0
151	Towards a new definition of health security: A three-part rationale for the twenty-first century	1	Article	3
152	'It has become everybody's business and nobody's business': Policy actor perspectives on the implementation of TB infection prevention and control (IPC) policies in South African public sector primary care health facilities	1	Article	3
153	The duration effect of pictorial health warnings on tobacco consumption in Mexico	1	Article	0
154	'I tell them that sex is sweet at the right time' - A qualitative review of 'pleasure gaps and opportunities' in sexuality education programmes in Ghana and Kenya	1	Review	6
155	Could attitudes toward COVID-19 in Spain render men more vulnerable than women?	0	Article	23
156	Scientific literature on food and nutrition security in primary health care: A scoping review	1	Review	0
157	Community-based savings groups, women's agency, and maternal health service utilisation: Evidence from Mozambique	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
158	'I'm waiting for that': Interest in the use of PrEP for safer conception in Botswana	1	Article	1
159	Therapeutic itineraries of Congolese refugees in the city of Sao Paulo	1	Article	2
160	Contesting everyday violence: Resilience pathways of gay and transgender youth in Peru	1	Article	1
161	Exploring intimate partner violence among pregnant Eswatini women seeking antenatal care: How agency and food security impact violence-related outcomes	1	Article; Early Access	0
162	The role of faith-based health professions schools in Cameroon's health system	1	Article	1
163	Risk factors for alcohol and drug misuse amongst young women in informal settlements in Durban, South Africa	1	Article	2
164	Disconnections between medical education and medical practice: A neglected dilemma (vol 85, pg 531, 2020)	1	Correction	0
165	The MOMENTUM study: Putting the 'Three Delays' to work to evaluate access to emergency obstetric and neonatal care in a remote island community in Western Kenya	1	Article	1
166	Access to innovative medicines by pharma companies: Sustainable initiatives for global health or useful advertisement?	1	Article	2
167	Decolonising global health in the time of COVID-19	0	Article	7
168	Socio-cultural factors influencing the decision of women to seek care during pregnancy and delivery: A qualitative study in South Tongu District, Ghana	1	Article	1
169	Health, quality of life, and wellbeing of older slum dwellers in sub-Saharan Africa: A scoping review	1	Review	0
170	Programmatic norms change to eliminate violence against children: Insights for practitioners and researchers from a UNICEF global mapping study	1	Article	0
171	Depression and delayed tuberculosis treatment initiation among newly diagnosed patients in Botswana	1	Article	0
172	Perceived barriers and facilitators to diet and physical activity among adults diagnosed with type 2 diabetes in Malawi	1	Article	3
173	Reducing sexual risk and promoting acceptance of men who have sex with men living with HIV in India: Outcomes and process evaluation of a pilot randomised multi-level intervention	1	Article	4

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
174	Lack of full citizenship rights linked to heightened client condom refusal among im/migrant sex workers in Metro Vancouver (2010-2018)	1	Article	3
175	Measuring the effectiveness of communication programming on menstrual health and hygiene management (MHM) social norms among adolescent girls in India	1	Article	0
176	Bringing ethical thinking to social change initiatives: Why it matters	1	Article	1
177	Assessing sector representation of non-state actors within the World Health Organisation Framework Convention on Tobacco Control	1	Article	0
178	Death tolls of COVID-19: Where come the fallacies and ways to make them more accurate	0	Editorial Material	5
179	Gender-norms, violence and adolescence: Exploring how gender norms are associated with experiences of childhood violence among young adolescents in Ethiopia	1	Article	2
180	A call for a gender-responsive, intersectional approach to address COVID-19	0	Article	28
181	Living conditions and health care usage of Haitian families in the Dominican Republic: A comparison of urban and rural/peri-urban households	1	Article	0
182	'I have a lot of faith in her': Value of community health workers in addressing family planning in rural Ghana	1	Article	0
183	The ghost in the data: Evidence gaps and the problem of fake drugs in global health research	1	Article	3
184	Diabetes in a humanitarian crisis: Atypical clinical presentations and challenges to clinical- and community-based management among Somalis in Ethiopia	1	Article	1
185	Political distrust and the spread of COVID-19 in Nigeria	0	Article	17
186	Inclusion of human rights in sexual and reproductive health programming: Facilitators and barriers to implementation	1	Article	3
187	Provider perspectives on the role of the patient as an active participant in HIV care	1	Article	2
188	COVID-19: Can this crisis be transformative for global health?	0	Editorial Material	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
189	'She is like my mother': Community-based care of drug-resistant tuberculosis in rural Eswatini	1	Article	1
190	Road to family planning and RMNCHN related SDGs: Tracing the role of public health spending in India	1	Article	3
191	Dismantling historical power inequality through authentic health research collaboration: Southern partners' aspirations	1	Article	3
192	'Zero Leprosy' and other endgame strategies: Rhetoric vs. realism in public health campaigns	1	Article	3
193	Associations between exposures to occupation-related events, depression and intimate partner violence among women in the occupied Palestinian Territories	1	Article	1
194	Implementation and experiences of integrated prevention of mother-to-child transmission services in Tanzania, Malawi and South Africa: A mixed methods study	1	Article	0
195	Strategic use of patent opposition safeguard to improve equitable access to innovative health technologies: A case study of CAR T-cell therapy Kymriah	1	Article; Early Access	0
196	Validation of an adapted instrument to measure female genital fistula-related stigma	1	Article	0
197	Consequences of male partner engagement policies on HIV care-seeking in three African countries: Findings from the SHAPE UTT study	1	Article	2
198	Public-private partnering as a modus operandi: Explaining the Gates Foundation's approach to global health governance	1	Article	3
199	Social and structural determinants of youth alcohol use in Tanzania: The role of gender, social vulnerability and stigma	1	Article	0
200	HIV Policy Advancements in PEPFAR Partner countries: a review of data from 2010-2016	1	Review	0
201	Governing COVID-19 without government in Brazil: Ignorance, neoliberal authoritarianism, and the collapse of public health leadership	0	Article	67
202	Adolescent mothers affected by HIV and their children: A scoping review of evidence and experiences from sub-Saharan Africa	1	Review	3
203	Unmet healthcare needs among migrants without medical insurance in Montreal, Canada	1	Article	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
204	COVID-19 reveals weak health systems by design: Why we must remake global health in this historic moment	0	Article	15
205	Childhood malnutrition within the indigenous Wayuu children of northern Colombia (Jan, 10.1080/17441692.2020.1712448, 2020)	1	Correction	0
206	Conceptions within misconceptions: Pluralisms in an Ebola vaccine trial in West Africa	1	Article	2
207	Food insecurity and social injustice: The plight of urban poor African immigrants in South Africa during the COVID-19 crisis	0	Article	5
208	Exploring the evolution of policies for universal antiretroviral therapy and their implementation across three sub-Saharan African countries: Findings from the SHAPE study	1	Article	1
209	Assessing the prospect of a common health-related stigma reduction response: Cross-perspectives of people living with stigmatised health conditions in Indonesia	1	Article	0
210	Analysing the global health agenda: A comparison of priority for diabetes and oral diseases	1	Article	2
211	Access to Healthcare in a time of COVID-19: Sex Workers in Crisis in Nairobi, Kenya	0	Article	14
212	Translating gene drive science to promote linguistic diversity in community and stakeholder engagement	1	Article	0
213	Social networks for health communication in rural Uganda: A mixed-method analysis of Dekabusa Trading Centre, Luwero County	1	Article	1
214	The emergence of the national medical assistance scheme for the poorest in Mali	1	Article	0
215	Multi-dimensional effects of the COVID-19 pandemic considering the WHO's ecological approach	0	Editorial Material	2
216	Risk factors for self-reported cataract symptoms, diagnosis, and surgery uptake among older adults in India: Findings from the WHO SAGE data	1	Article	0
217	Community response to the Ebola outbreak: Contribution of community-based organisations and community leaders in four health districts in Guinea	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
218	What is trauma? Qualitatively assessing stakeholder perceptions in Santa Cruz de la Sierra, Bolivia	1	Article	1
219	Challenges in accessing and utilising health services for women accessing DOTS TB services in Kolkata, India	1	Article	1
220	Right-wing populism in Poland and anti-vaccine myths on YouTube: Political and cultural threats to public health	1	Article	10
221	A citizen science approach to determine perceived barriers and promoters of physical activity in a low-income South African community	1	Article	4
222	Factors associated with recent HIV testing uptake and HIV-positive serostatus among female sex workers in Addis Ababa, Ethiopia	1	Article	0
223	Assessing the effect of socio-economic features of low-income communities and COVID-19 related cases: An empirical study of New York City	0	Article	1
224	Transnational determinants of health for Central American migrants to the US: Results of a qualitative study	1	Article	1
225	Understanding India's urban dengue surveillance: A qualitative policy analysis of Hyderabad district	1	Article	2
226	Disconnections between medical education and medical practice: A neglected dilemma*	1	Article	4
227	'PrEP should be for men only': Young heterosexual men's views on PrEP in rural South Africa	1	Article	2

**Data source:** Web of Science

**Table S12 List of articles published in *Globalization and Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Economic arguments in migrant health policymaking: proposing a research agenda	1	Article	2
2	Public health and corporate social responsibility: exploratory study on pharmaceutical companies in an emerging market	1	Article	2
3	The architecture of the state was transformed in favour of the interests of companies: corporate political activity of the food industry in Colombia	1	Article	7
4	Globalization and health scholarship in a time of pandemic: from critical past to uncertain future	1	Editorial Material	0
5	Equity and elderly health in India: reflections from 75th round National Sample Survey, 2017-18, amidst the COVID-19 pandemic	0	Article	3
6	Using volunteered geographic information to assess mobility in the early phases of the COVID-19 pandemic: a cross-city time series analysis of 41 cities in 22 countries from March 2nd to 26th 2020	0	Article	10
7	When altruists cannot help: the influence of altruism on the mental health of university students during the COVID-19 pandemic	0	Article	12
8	Review of the reverse innovation series in globalization and health - where are we and what else is needed?	1	Review	2
9	Health intersectoralism in the Sustainable Development Goal era: from theory to practice	1	Article	5
10	A community-based system dynamics approach for understanding factors affecting mental Health and Health seeking behaviors in Beirut and Beqaa regions of Lebanon	1	Article	8
11	Non-communicable disease governance in the era of the sustainable development goals: a qualitative analysis of food industry framing in WHO consultations	1	Article	12
12	Promoting the use of evidence in health policymaking in the ECOWAS region: the development and contextualization of an evidence-based policymaking guidance	1	Article	1



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
13	Simulation exercises and after action reviews - analysis of outputs during 2016-2019 to strengthen global health emergency preparedness and response	1	Article	3
14	Social capital and public health: responding to the COVID-19 pandemic	0	Article	6
15	Migrant workers in China need emergency psychological interventions during the COVID-19 outbreak	0	Article	4
16	The enclosed ward management strategies in psychiatric hospitals during COVID-19 outbreak	0	Letter	4
17	The Pearl River Declaration: a timely call for enhancing health security through fostering a regional one health collaboration in the Asia-Pacific	1	Article	0
18	Meeting the challenges posed by per diem in development projects in southern countries: a scoping review	1	Article	1
19	Understanding China's growing involvement in global health and managing processes of change	1	Review	3
20	Heat-health vulnerability in temperate climates: lessons and response options from Ireland	1	Article	2
21	Social capital is associated with improved subjective well-being of older adults with chronic non-communicable disease in six low- and middle-income countries	1	Article	3
22	Prevalence and correlates of fatigue and its association with quality of life among clinically stable older psychiatric patients during the COVID-19 outbreak: a cross-sectional study	0	Article	3
23	The psychological typhoon eye effect during the COVID-19 outbreak in China: the role of coping efficacy and perceived threat	0	Article	5
24	Infertility policy analysis: a comparative study of selected lower middle- middle- and high-income countries	1	Article	1
25	Mitigating violence against women and young girls during COVID-19 induced lockdown in Nepal: a wake-up call	0	Article	7
26	Comparisons of social and demographic determinants of tobacco use in the Democratic Republic of the Congo	1	Article	0
27	Maternal health services utilisation among primigravidas in Uganda: what did the MDGs deliver?	1	Article	1
28	Increasing the public health voice in global decision-making on nutrition labelling	1	Editorial Material	7

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
29	The influence of concern about COVID-19 on mental health in the Republic of Georgia: a cross-sectional study	0	Article	4
30	Misinformation and de-contextualization: international media reporting on Sweden and COVID-19	0	Article	17
31	Artificial intelligence in health care: laying the Foundation for Responsible, sustainable, and inclusive innovation in low- and middle-income countries	1	Article	7
32	Tracking Japan's development assistance for health, 2012-2016	1	Article	4
33	Diasporic medical tourism: a scoping review of quantitative and qualitative evidence	1	Review	3
34	Spatial and temporal distribution of infectious disease epidemics, disasters and other potential public health emergencies in the World Health Organisation Africa region, 2016-2018	1	Article	10
35	Circulating vaccine-derived poliovirus: a menace to the end game of polio eradication	1	Letter	2
36	Determinants of enrollment decision in the community-based health insurance, North West Ethiopia: a case-control study	1	Article	2
37	Selling second best: how infant formula marketing works	1	Article	22
38	Challenges and Opportunities in China's Health Aid to Africa: Findings from Qualitative Interviews in Tanzania and Malawi	1	Article	1
39	The north-south policy divide in transnational healthcare: a comparative review of policy research on medical tourism in source and destination countries	1	Review	2
40	Food industry political practices in Chile: the economy has always been the main concern	1	Article	10
41	Data and cooperation required for Venezuela's refugee crisis during COVID-19	0	Article	3
42	Challenges and recommendations for mental health providers during the COVID-19 pandemic: the experience of China's First University-based mental health team	0	Article	5
43	Risk factors for adolescents' mental health during the COVID-19 pandemic: a comparison between Wuhan and other	0	Article	13

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	urban areas in China			
44	Globalisation in the time of COVID-19: repositioning Africa to meet the immediate and remote challenges	0	Article	19
45	Government policy and agricultural production: a scoping review to inform research and policy on healthy agricultural commodities	1	Review	6
46	Globalization of national surgical, obstetric and anesthesia plans: the critical link between health policy and action in global surgery	1	Article	15
47	The global diet and activity research (GDAR) network: a global public health partnership to address upstream NCD risk factors in urban low and middle-income contexts	1	Article	5
48	Incorporating operational research in programmes funded by the Global Fund to Fight AIDS, Tuberculosis and Malaria in four sub-Saharan African countries	1	Article	1
49	Health technology assessment and priority setting for universal health coverage: a qualitative study of stakeholders' capacity, needs, policy areas of demand and perspectives in Nigeria	1	Article	4
50	Rural development and shifts in household dietary practices from 1999 to 2010 in the Tapajos River region, Brazilian Amazon: empirical evidence from dietary surveys	1	Article	3
51	Medical education: an Italian contribution to the discussion on global health education	1	Article	3
52	Serious games for serious crises: reflections from an infectious disease outbreak matrix game	1	Article	0
53	Leaving no one behind: lessons from implementation of policies for universal HIV treatment to universal health coverage	1	Article	3
54	Early cases of SARS-CoV-2 infection in Uganda: epidemiology and lessons learned from risk-based testing approaches - March-April 2020	0	Article	6

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
55	Prevalence of stress, anxiety, depression among the general population during the COVID-19 pandemic: a systematic review and meta-analysis	0	Review	555
56	Methods to promote equity in health resource allocation in low- and middle-income countries: an overview	1	Review	7
57	Understanding the trends in international agreements on pricing and reimbursement for newly marketed medicines and their implications for access to medicines: a computational text analysis	1	Article	0
58	The FCTC dilemma on heated tobacco products	1	Article	0
59	An overview of the commercial determinants of health	1	Review	28
60	Revisiting the public health implications of the United States-Mexico- Canada agreement	1	Letter	0
61	Connecting healthcare professionals in Central America through management and leadership development: a social network analysis	1	Article	1
62	International cooperation in public health in Martinique: geostrategic utility for cancer surveillance in the Caribbean	1	Review	3
63	Bibliometric analysis of peer-reviewed literature on climate change and human health with an emphasis on infectious diseases	1	Article	11
64	The Manila Declaration on Migration and Health: commentary of the Association of Pacific Rim Universities Global Health Program	1	Article	0
65	HIV/AIDS research in Africa and the Middle East: participation and equity in North-South collaborations and relationships	1	Article	5
66	Real GDP growth rates and healthcare spending - comparison between the G7 and the EM7 countries	1	Article	30
67	COVID-19 in Africa: care and protection for frontline healthcare workers	0	Review	83
68	Developing monitoring and evaluation tools for event-based surveillance: experience from Vietnam	1	Article	1
69	Physicians' brain drain-a gravity model of migration flows	1	Article	5

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
70	The global governance of antimicrobial resistance: a cross-country study of alignment between the global action plan and national action plans	1	Article	8
71	Challenges to peer support in low- and middle-income countries during COVID-19	0	Article	4
72	Sustainable support solutions for community-based rehabilitation workers in refugee camps: piloting telehealth acceptability and implementation	1	Article	1
73	West Nile virus in Europe: after action reviews of preparedness and response to the 2018 transmission season in Italy, Slovenia, Serbia and Greece	1	Article	4
74	Public-private knowledge transfer and access to medicines: a systematic review and qualitative study of perceptions and roles of scientists involved in HPV vaccine research	1	Review	0
75	Factors associated with psychological distress, fear and coping strategies during the COVID-19 pandemic in Australia	0	Article	57
76	The International Health Regulations (2005), the threat of populism and the COVID-19 pandemic	0	Article	6
77	Comparison of tobacco import and tobacco control in five countries: lessons learned for Indonesia	1	Article	2
78	'It's far too complicated': why fragmentation persists in global health	1	Article	6
79	Development assistance for health and the Middle East and North Africa	1	Article	0
80	Pseudoscientific beliefs and psychopathological risks increase after COVID-19 social quarantine	0	Article	10
81	Benchmarking the transparency, comprehensiveness and specificity of population nutrition commitments of major food companies in Malaysia	1	Article	5
82	Integrating the social sciences in epidemic preparedness and response: A strategic framework to strengthen capacities and improve Global Health security	1	Article	4
83	How donors support civil society as government accountability advocates: a review of strategies and implications for transition of donor funding in global health	1	Review	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
84	China's mental health support in response to COVID-19: progression, challenges and reflection	0	Article	8
85	Mental health impacts among health workers during COVID-19 in a low resource setting: a cross-sectional survey from Nepal	0	Article	59
86	Bibliometric analysis of scientific publications on sustainable development goals with emphasis on good health and well-being goal (2015-2019)	1	Article	9
87	A qualitative exploration of the experiences of community health animation on malaria control in rural Malawi	1	Article	0
88	'I know those people will be approachable and not mistreat us': a qualitative study of inspectors and private drug sellers' views on peer supervision in rural Uganda	1	Article	0
89	Exploring anti-corruption, transparency, and accountability in the World Health Organization, the United Nations Development Programme, the World Bank Group, and the Global Fund to Fight AIDS, Tuberculosis and Malaria	1	Review	3
90	Investigation of the differences between the medical personnel's and general population's view on the doctor-patient relationship in China by a cross-sectional survey	1	Article	2
91	A systematic review of global health capacity building initiatives in low-to middle-income countries in the Middle East and North Africa region	1	Review	3
92	West Nile virus in Europe: after action reviews of preparedness and response to the 2018 transmission season in Italy, Slovenia, Serbia and Greece (vol 16, 47, 2020)	1	Correction	0
93	Health systems influence on the pathways of care for lung cancer in low- and middle-income countries: a scoping review	1	Review	9
94	Assessing COVID-19 through the lens of health systems' preparedness: time for a change	0	Article	11
95	Promoting rational antibiotic use in Turkey and among Turkish migrants in Europe - implications of a qualitative study in four countries	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
96	Prevalence of depression and its correlative factors among female adolescents in China during the coronavirus disease 2019 outbreak	0	Article	18
97	Global Health - emergence, hegemonic trends and biomedical reductionism	1	Article	10
98	Systematic review of early abortion services in low- and middle-income country primary care: potential for reverse innovation and application in the UK context	1	Review	2
99	Going for brokerage: strategies and strains in commercial healthcare facilitation	1	Article	0
100	Impact of international travel dynamics on domestic spread of 2019-nCoV in India: origin-based risk assessment in importation of infected travelers	0	Article	5
101	Global Health diplomacy for noncommunicable diseases prevention and control: a systematic review	1	Review	6
102	USMCA 2.0: a few improvements but far from a 'healthy' trade treaty	1	Article	3
103	Uganda's experience in Ebola virus disease outbreak preparedness, 2018-2019	1	Article	8
104	Is countries' transparency associated with gaps between countries' self and external evaluations for IHR core capacity?	1	Article	5
105	Disease burden metrics and the innovations of leading pharmaceutical companies: a global and regional comparative study	1	Article	0
106	Educating, training, and exercising for infectious disease control with emphasis on cross-border settings: an integrative review	1	Review	1
107	Effectiveness of wastewater treatment systems in removing microbial agents: a systematic review	1	Review	15
108	Cross-border COVID-19 spread amidst malaria re-emergence in Venezuela: a human rights analysis	0	Review	0
109	A survey of retail prices of antimicrobial products used in small-scale chicken farms in the Mekong Delta of Vietnam	1	Article	2
110	Industry strategies in the parliamentary process of adopting a sugar-sweetened beverage tax in South Africa: a systematic mapping	1	Article	9

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
111	Lessons learned from COVID-19 for the post-antibiotic future	0	Article	5
112	Beyond the healthy immigrant paradox: decomposing differences in birthweight among immigrants in Spain	1	Article	0
113	Physical rehabilitation in Iran after international sanctions: explored findings from a qualitative study	1	Article	0
114	Get us partnerships!-a qualitative study of Angolan and Mozambican health academics' experiences with North/South partnerships	1	Article	1
115	The prevalence of sleep disturbances among physicians and nurses facing the COVID-19 patients: a systematic review and meta-analysis	0	Review	56
116	'Calibrating to scale: a framework for humanitarian health organizations to anticipate, prevent, prepare for and manage climate-related health risks'	1	Article	1
117	Understanding the implications of the Sustainable Development Goals for health policy and systems research: results of a research priority setting exercise	1	Article	7

**Data source:** Web of Science



**Table S13 List of articles published in *International Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Measuring and decomposing the effort regarding the equity of inpatient benefits based on the adjustment of the new cooperative medical scheme in western rural China	1	Article	0
2	Competing ethics in a pilot strategy to implement parasitology training and research in post-Ebola Sierra Leone	1	Article	0
3	Temporary disengagement and re-engagement in human immunodeficiency virus care in a rural county serving pastoralist communities in Kenya: a retrospective cohort study	1	Article	2
4	Peanut butter-based formulations of amoxicillin for pediatric applications	1	Article	1
5	Towards a fair and transparent research participant compensation and reimbursement framework in Vietnam	1	Article	1
6	Experiences of research ethics committee members and scientists of the research protocol review process in Uganda: a case study	1	Review	0
7	Prevalence and determinants of poor sleep quality and depression among postpartum women: a community-based study in Ramechhap district, Nepal	1	Article	2
8	Analysis of quality of life in breast cancer survivors using structural equation modelling: the role of spirituality, social support and psychological well-being	1	Article	6
9	Adverse infant outcomes associated with caesarean section delivery in India	1	Article	0
10	Association among ecological and behavioural attributes, dengue vector and disease control: a cross-sectional study of the city of Dhaka, Bangladesh	1	Article	0
11	Urgent call for a global enforcement of the public sharing of health emergencies data: lesson learned from serious arboviral disease epidemics in Sudan COMMENT	1	Editorial Material	5
12	Influence of publicly funded conditional cash transfer programmes on utilization patterns of healthcare services for acute childhood illness	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
13	The burgeoning role of global health diplomacy to alleviate suffering of cancer patients in low- and middle-income countries	1	Editorial Material	1
14	Health inequality in the tropics and its costs: a Sustainable Development Goals alert	1	Article	0
15	The ethical case for global measles eradication-justice and the Rule of Rescue	1	Editorial Material	0
16	Success of malaria chemoprophylaxis for outbound civil and military travellers in prevention of reintroduction of malaria in Sri Lanka	1	Article	0
17	The effect of a community-based health insurance on the out-of-pocket payments for utilizing medically trained providers in Bangladesh	1	Article	3
18	Quality of antimalarials in Kinshasa peri-urban areas with regard to local pharmaceutical legislation and regulation	1	Article	0
19	Inflammatory bowel disease in Africa: what is the current state of knowledge?	1	Review	3
20	Face and content validity of a prospective multidimensional performance instrument for service delivery in district health systems in low-income countries: a Delphi study	1	Article	0
21	The Traveller's Risk Perception (TRiP) questionnaire: pre-travel assessment and post-travel changes	1	Article	1
22	A real-time policy dashboard can aid global transparency in the response to coronavirus disease 2019	1	Editorial Material	2
23	COVID-19 and neglected tropical diseases in Africa: impacts, interactions, consequences	0	Editorial Material	17
24	Contextual factors affecting the integration of community health workers into the health system in Limpopo Province, South Africa	1	Article	3
25	Insecticide-treated bed net access and use among preschool children in Nouna District, Burkina Faso	1	Article	1
26	Shared decision making in musculoskeletal pain consultations in low- and middle-income countries: a systematic review	1	Review	2
27	Analysis of quality of life in breast cancer survivors using structural equation modelling: the role of spirituality, social	1	Correction	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	support and psychological well-being (vol 12, pg 354, 2020)			
28	Meta-analysis of epilepsy prevalence in West Africa and its relationship with onchocerciasis endemicity and control	1	Article	7
29	Prevention of opportunistic non-communicable diseases	1	Editorial Material	0
30	Trends in the prevalence of cognitive impairment in Chinese older adults: based on the Chinese Longitudinal Healthy Longevity Survey cohorts from 1998 to 2014	1	Article	3
31	Providing oxygen to children and newborns: a multi-faceted technical and clinical assessment of oxygen access and oxygen use in secondary-level hospitals in southwest Nigeria	1	Article	5
32	Spotlight on global health research	1	Editorial Material	1
33	Prevalence of American Heart Association defined ideal cardiovascular health metrics in Nepal: findings from a nationally representative cross-sectional study	1	Article	3
34	A stitch in time: narrative review of interventions to reduce preterm births in Malawi	1	Review	0
35	A qualitative study of zoonotic risk factors among rural communities in southern China	1	Article	9
36	Participant understanding of informed consent in a multidisease community-based health screening and biobank platform in rural South Africa	1	Article	3
37	In-hospital mortality among incident hemodialysis older patients in Peru	1	Article	0
38	Integrated community-based intervention for urinary schistosomiasis and soil-transmitted helminthiasis in children from Caxito, Angola	1	Article	2
39	Delays in care seeking, diagnosis and treatment of patients with pulmonary tuberculosis in Hubei, China	1	Article	4
40	Participant compensation in global health research: a case study	1	Article	1
41	Medical injection and access to sterile injection equipment in low- and middle-income countries: a meta-analysis of Demographic and Health Surveys (2010-2017)	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
42	Lessons for test and treat in an antiretroviral programme after decentralisation in Uganda: a retrospective analysis of outcomes in public healthcare facilities within the Lablite project	1	Article	1
43	Artificial intelligence: opportunities and implications for the health workforce COMMENT	1	Editorial Material	2
44	Causes and predictors of mortality among Ghanaians hospitalised with endocrine disorders	1	Article	1
45	Recommendations from Thai stakeholders about protecting HIV remission ('cure') trial participants: report from a participatory workshop	1	Article	1
46	Ethical research in global health emergencies: making the case for a broader understanding of 'research ethics'	1	Editorial Material	0
47	A commentary on the interagency symposium: 'Building a Healthier Future: A Human Capital Perspective on Health and Education', presented at the European Congress of Tropical Medicine and International Health, Liverpool, UK, October 2019 COMMENT	1	Editorial Material	0
48	Understanding profit margins of medical providers from prescription drugs: evidence from Taiwan	1	Article	0
49	Dietary patterns and breast cancer in Colombia: an ecological study	1	Article	1
50	Hypertension and diabetes mellitus as risk factors for asthma in Korean adults: the Sixth Korea National Health and Nutrition Examination Survey	1	Article	4
51	Effectiveness of birthing kits for clean childbirth: a systematic review	1	Review	1
52	Consistency of the determinants of early initiation of breastfeeding in Ghana: insights from four Demographic and Health Survey datasets (vol 13, pg 39, 2021)	1	Correction	0
53	Childhood familial environment and adulthood depression: evidence from a Chinese population-based study	1	Article	2
54	Perspectives of stakeholders on emergency obstetric care training in Kenya: a qualitative study	1	Article	0
55	From risk to care: the hepatitis C screening and diagnostic cascade in a primary health care clinic in Karachi, Pakistan-a cohort study	1	Article	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
56	Decolonising global health: transnational research partnerships under the spotlight	1	Article	9
57	Seeking care from a traditional healer after injury in Sudan: an exploratory cross-sectional analysis	1	Article	0
58	The effect of community hypertension management on blood pressure control and its determinants in southwest China	1	Article	3
59	Utilization of maternity waiting homes: before, during, and after the Ebola virus disease outbreak in Bong County, Liberia	1	Article	1
60	Cohorts as collections of bodies and communities of persons: insights from the SEARCH010/RV254 research cohort	1	Article	2
61	Research ethics in context: understanding the vulnerabilities, agency and resourcefulness of research participants living along the Thai-Myanmar border	1	Article	0
62	Management of paediatric burns in low- and middle-income countries: assessing capacity using the World Health Organization Surgical Assessment Tool	1	Article	0
63	Determinants of breastfeeding practices among mothers in Malawi: a population-based survey	1	Article	6
64	The crowding out effect of out-of-pocket medication expenses of two major non-communicable diseases in Pakistan	1	Article	3
65	'I treat it but I don't know what this disease is': a qualitative study on noma (cancrum oris) and traditional healing in northwest Nigeria	1	Article	2
66	Factors associated with under-5 mortality in three disadvantaged East African districts	1	Article	2
67	Low ivermectin use among 5-to 6-year-old children: observations from door-to-door surveys in onchocerciasis-endemic regions in Africa	1	Article	3
68	Comparative ethnographies of medical research: materiality, social relations, citizenship and hope in Tanzania and Sierra Leone	1	Article	1
69	Molecular characterization and antimicrobial susceptibility of bacterial isolates present in tap water of public toilets	1	Article	2
70	Does involving male partners in antenatal care improve healthcare utilisation? Systematic review and meta-analysis of	1	Review	7

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	the published literature from low- and middle-income countries			
71	The Traveller's Risk Perception (TRiP) questionnaire: pre-travel assessment and post-travel changes (vol 12, pg 116, 2020)	1	Correction	0
72	Re-evaluating herd protection by Vi typhoid vaccine in a cluster randomized trial	1	Article	6
73	Role stress, social support and occupational burnout among physicians in China: a path analysis approach	1	Article	7
74	Vaccine stockouts and vaccination rate: examination of unique administrative data from Nigeria	1	Article	1
75	Provider-perceived barriers to diagnosis and treatment of acute coronary syndrome in Tanzania: a qualitative study	1	Article	3
76	Managing ancillary care in resource-constrained settings: Dilemmas faced by frontline HIV prevention researchers in a rural area in South Africa	1	Article	3
77	Epidemiology of chronic kidney disease in Peru and its relation to social determinants of health	1	Article	1
78	Perspectives of stakeholders on emergency obstetric care training in Kenya: a qualitative study (vol 12, pg 11, 2020)	1	Correction	0

**Data source:** Web of Science

**Table S14 List of articles published in *International Journal of Health Science–IJHS* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Tear down the walls: Disseminating open access research for a global impact	1	Article	1
2	Factors affecting nurses' intention to leave their current jobs in Saudi Arabia	1	Article	5
3	COVID-19: A global public health disaster	0	Editorial Material	6
4	Statistical procedures for evaluating trends in coronavirus disease-9 cases in the United States	0	Article	0
5	Turmeric in the management of oral submucous fibrosis - A systematic review and meta-analysis	1	Review	2
6	Avascular necrosis of the femoral head: Assessment following developmental dysplasia of the hip management	1	Article	2
7	Evaluation of cardiac biomarkers in smokers and non-smokers with chronic periodontitis	1	Article	1
8	Saudi Arabia and aerospace medicine in the era of the national vision of 2030	1	Editorial Material	0
9	Effects of high-intensity interval training on vascular function and maximum oxygen uptake in young sedentary females	1	Article	2
10	Coronavirus disease-19 spread in the Eastern Mediterranean Region, updates and prediction of disease progression in Kingdom of Saudi Arabia, Iran, and Pakistan	0	Article	2
11	Intrathecal transplantation of autologous bone marrow mononuclear cells in patients with sub-acute and chronic spinal cord injury: An open-label study	1	Article	0
12	Great mimickers: Tumor-like lesions of uterine corpus	1	Article	0
13	Construct validity of the Herth Hope Index: A systematic review	1	Review	6
14	Environmental and individual factors associated with protection and predisposition to autoimmune diseases	1	Article	0
15	Use of ultraviolet-C in environmental sterilization in hospitals: A systematic review on efficacy and safety	1	Review	4
16	Small-cell neuroendocrine carcinoma of the urinary bladder: A case report	1	Article	2
17	Hemoglobin level is associated with severe stroke among stroke patients in Saudi Arabia	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
18	Determinants of birth asphyxia among newborns in Ethiopia: A systematic review and meta-analysis	1	Review	3
19	Biochemical studies on the protective effect of honey against doxorubicin-induced toxicity in BALB/C mice	1	Article	1
20	The risk of morbidities in newborns of antenatal vitamin D supplemented gestational diabetes mellitus patients	1	Article	1
21	A systematic review and meta-analysis of randomized controlled trials, juxtaposing the control of glycemia and blood pressure between large dose empagliflozin and placebo among type 1 diabetes patients	1	Review	1
22	Genetic influence of vitamin D receptor gene polymorphisms on osteoporosis risk	1	Article	4
23	Access times for supraclavicular and infraclavicular approaches of subclavian vein catheterization in pacemaker insertion	1	Article	0
24	Formulation and evaluation of microsphere of antiulcer drug using Acacia nilotica gum	1	Article	0
25	COVID-19: Utilizing local experience to suggest optimal global strategies to prevent and control the pandemic	0	Editorial Material	4
26	Heart rate variability indices, biomarkers, and cardiac nerve density: Independent surrogate markers for diagnosis of diabetic cardiac autonomic neuropathy in type 2 diabetes mellitus animal model	1	Article	0
27	A case of unusual presentation of acute esophageal necrosis with pneumonia	1	Article	0
28	Clinical features, serological findings, and survival rate comparison between early versus late-onset systemic lupus erythematosus from 2000 to 2010, two centers experience	1	Article	0
29	Clinicopathological correlation of malignant skin tumors: A retrospective study of 5 years	1	Article	1
30	Evaluation of immunohistochemical expression of TWIST in oral epithelial dysplasia and squamous cell carcinoma	1	Article	0
31	Consolidating medical ambulatory care services in the COVID-19 era	0	Editorial Material	1
32	Intriguing case of giant intra-abdominal pseudocyst: Diagnostic dilemma	1	Review	0
33	Clinical and strategic outcomes of metastatic synovial sarcoma on limb	1	Article	1
34	Effect of bacillus bacterial extracts on the expression of major histocompatibility complex Class I and Class II receptors	1	Article	0



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	on MDA-MB 231 breast cancer cells			
35	IGF1R immunohistochemistry in Ewing's sarcoma as predictor of response to targeted therapy	1	Article	0
36	Molecular characterization and susceptibility screening for methicillin-resistant Staphylococcus aureus reveals the dominant clones in a tertiary care hospital in Al Qassim, Saudi Arabia	1	Article	0
37	Analysis of human brain by magnetic resonance imaging using content-based image retrieval	1	Article	0
38	Frequency of UCP2 45-bp Ins/Del polymorphism in Saudi population from Jazan area and its association with autoimmune hypothyroidism UCP2 45-bp Ins/Del frequency in hypothyroidism	1	Article	0
39	MicroRNA-543-3p a potential chemotherapy marker regulates the messenger RNA expression of survivin in patients with advanced breast cancer	1	Article	0
40	Effectiveness and safety of recombinant factor VII in pediatric cardiac surgery aged 13 years or less: A meta-analysis	1	Review	0
41	Effect of glycemic control and dyslipidemia on plasma vascular endothelial growth factor and pigment epithelium-derived factor in diabetic retinopathy patients in Northern Nigeria	1	Article	1
42	COVID-19: Lost opportunities and lessons for the future	0	Editorial Material	4
43	Large floating thrombus in the inferior vena cava	1	Article	0
44	Aminophylline for improving acute kidney injury in pediatric patients: A systematic review and meta-analysis	1	Review	0
45	Internet addiction among Saudi Arabian youth	1	Editorial Material	3
46	Ginger and its active constituents as therapeutic agents: Recent perspectives with molecular evidences	1	Editorial Material	1
47	Why is cancer becoming a global endemic today?	1	Editorial Material	2
48	Serum visfatin concentration and its relationship with sex hormones in obese Saudi women	1	Article	0
49	Minimal change disease with concurrent thin basement membrane disease: A case report	1	Article	0
50	Anorectal Melanoma: Unexpected tumor in unexpected population	1	Article	0

**Data source:** Web of Science

**Table S15 List of articles published in *Epidemiology and Global Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Analysis of Host Cell Receptor GRP78 for Potential Natural Reservoirs of SARS-CoV-2	0	Editorial Material	1
2	Clinical, Imaging, and Laboratory Characteristics of Adult-Mexican Patients with Tuberculous Meningitis: A Retrospective Cohort Study	1	Article	2
3	Knowledge, Attitude and Practice of Lebanese Community Pharmacists toward Chronic Obstructive Pulmonary Disease (vol 10, pg 86, 2020)	1	Correction	0
4	Predictors of Quality of Life in Transfusion-dependent Thalassemia Patients Based on the PRECEDE Model: A Structural Equation Modeling Approach	1	Article	0
5	Influence of Women's Empowerment on Place of Delivery in North Eastern and Western Kenya: A Cross-sectional Analysis of the Kenya Demographic Health Survey	1	Article	0
6	Establishing Medical Coverage and Epidemiological Surveillance during the Grand Magal of Touba in Senegal: A Public Health Need	1	Article	0
7	Second-line Drug Resistance Characterization in Mycobacterium tuberculosis by Genotype MTBDRsl Assay	1	Article	2
8	Utility of Xpert MTB/RIF Assay for Diagnosis of Pediatric Tuberculosis Under Programmatic Conditions in India	1	Article	0
9	Relationship between the Human Development Index and its Components with Oral Cancer in Latin America (vol 9, pg 223, 2019)	1	Correction	0
10	Do Disease Awareness Days Work? A 5-Year Investigation Using Google Trends	1	Letter	2
11	Evaluating the Effects of Climate and Environmental Factors on Under-5 Children Malaria Spatial Distribution Using Generalized Additive Models (GAMs)	1	Article	4
12	Accuracy of Five Multiple Imputation Methods in Estimating Prevalence of Type 2 Diabetes based on STEPS Surveys	1	Article	0
13	Double Burden of Malnutrition in the Asia-Pacific Region-A Systematic Review and Meta-analysis	1	Review	6
14	Top Ethical Issues Concerning Healthcare Providers Working in Saudi Arabia	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
15	Knowledge, Attitude and Practice toward COVID-19 among Egyptians	0	Article	17
16	Improved Access to Diagnostics for Rhodesian Sleeping Sickness around a Conservation Area in Malawi Results in Earlier Detection of Cases and Reduced Mortality	1	Article	0
17	The Crucial Role of Midwives in Preventing Maternal Sepsis: It All Started in a Maternity Ward	1	Editorial Material	0
18	Dengue Outbreak Response and Control in Khyber Pakhtunkhwa, Pakistan: A Mixed Methods Study	1	Article	0
19	Extraintestinal Manifestations of Inflammatory Bowel Disease in Middle Eastern Patients	1	Article	1
20	First Prototype of the Infectious Diseases Seeker (IDS) Software for Prompt Identification of Infectious Diseases	1	Article	3
21	Quality of Life of End Stage Renal Disease Patients Undergoing Dialysis in Southern Part of Kerala, India: Financial Stability and Inter-dialysis Weight Gain as Key Determinants	1	Article	0
22	COVID-19 in the Shadows of MERS-CoV in the Kingdom of Saudi Arabia	0	Editorial Material	31
23	Operationalizing the One Health Approach in Uganda: Challenges and Opportunities	1	Review	3
24	COVID-19 Epidemic and Public Health Measures in China	0	Article	4
25	Resurgence of Measles in Europe: A Systematic Review on Parental Attitudes and Beliefs of Measles Vaccine	1	Review	15
26	Evaluation of Noninvasive Respiratory Volume Monitoring in the PACU of a Low Resource Kenyan Hospital	1	Article	0
27	Prevalence and Factors Associated with Insomnia Among a Representative Sample of the Lebanese Population: Results of a Cross-Sectional Study	1	Article	6
28	Prevalence and Incidence of Low Back Pain in the Kingdom of Saudi Arabia: A Systematic Review	1	Review	6
29	The Association between Out-of-Pocket Expenditure and COVID-19 Mortality Globally	0	Letter	3
30	Evaluation of Public Health Education and Workforce Needs in the Kingdom of Saudi Arabia	1	Article	0
31	Adult Orbital Lesions in Saudi Arabia: A Multi-centered Demographic Study with Clinicopathological Correlation	1	Article	0
32	An Evaluation of Health Policy Implementation for Hajj Pilgrims in Indonesia	1	Review	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
33	Dietary Intakes, Patterns, and Determinants of Children Under 5 Years from Marginalized Communities in Odisha: A Cross-sectional Study	1	Article	1
34	Rapid Estimation of Excess Mortality during the COVID-19 Pandemic in Portugal -Beyond Reported Deaths	0	Article	10
35	COVID-19 in Turkey: Lessons Learned	0	Article	11
36	The Increasing Trends in Cases of the Most Common Cancers in Saudi Arabia	1	Review	5
37	Prevalence, Risk Factors, and Epidemiology of Food-borne Botulism in Iran	1	Article	1
38	Clinical Characteristics and Outcome of Hospitalized COVID-19 Patients in a MERS-CoV Endemic Area	0	Article	17
39	Helmet Continuous Positive Airway Pressure in the Treatment of COVID-19 Patients with Acute Respiratory Failure could be an Effective Strategy: A Feasibility Study	0	Editorial Material	3
40	The Epidemiology of HIV in Oman, 1984-2018: A Nationwide Study from the Middle East	1	Article	8
41	A Qualitative Study of Factors Influencing the Onset of Hookah Smoking among Iranian Men with Turkmen Ethnicity	1	Article	1
42	Epidemiology of Type 2 Diabetes - Global Burden of Disease and Forecasted Trends	1	Article	153
43	Does Being Transported by Emergency Medical Services Improve Compliance with the Surviving Sepsis Bundle and Mortality Rate? A Retrospective Cohort Study	1	Article	0
44	Care-Related Quality of Life of Caregivers of Beta-Thalassemia Major Children: An Epidemiological Study in Eastern India	1	Article	6
45	Early Initiation of ARV Therapy Among TB-HIV Patients in Indonesia Prolongs Survival Rates!	1	Article	2
46	Health-Seeking Behavior of People in Indonesia: A Narrative Review	1	Review	9
47	Factors Associated with Cesarean Section among Primiparous Women in Georgia: A Registry-based Study	1	Article	0
48	Magnitude and Reasons for Gaps in Tuberculosis Diagnostic Testing and Treatment Initiation: An Operational Research Study from Dakshina Kannada, South India	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
49	Epidemiological Profile of Helicobacter pylori Infection in Patients with Digestive Symptoms in Algeria	1	Article	1
50	The Precious Commodity of Time and Sub-Saharan Africa's Success in Keeping COVID-19 at Bay	0	Article	0
51	Effectiveness of Oseltamivir Prophylaxis in Influenza Outbreaks in Residential Aged Care	1	Article	0
52	Number of People who Inject Drugs in Son La, Vietnam: Population Size Estimation Based on Official Records	1	Article	0
53	Knowledge, Attitude and Practice of Lebanese Community Pharmacists toward Chronic Obstructive Pulmonary Disease	1	Article	1
54	Assessment of Local Health Worker Attitudes toward International Medical Volunteers in Low- and Middle-income Countries: A Global Survey	1	Article	0
55	Lack of MERS-CoV Co-infection among Hospitalized COVID-19 Patients in Saudi Arabia	0	Editorial Material	4
56	Efficacy of DAAs in the Treatment of Chronic HCV: Real-World Data from the Private Health-Care Sector of the Kingdom of Saudi Arabia	1	Article	1
57	HIV Testing among General Population with Sexually Transmitted Infection: Findings from Myanmar Demographic and Health Survey (2015-16)	1	Article	1
58	y Cervical Cancer Care Continuum in South India: Evidence from a Community-based Screening Program	1	Article	1
59	HIV Prevalence, Risk Factors for Infection, and Uptake of Prevention, Testing, and Treatment among Female Sex Workers in Namibia	1	Article	1
60	Population Risk Factors for COVID-19 Mortality in 93 Countries	0	Article	17

**Data source:** Web of Science

**Table S16 List of articles published in *Journal of Global Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	A typology of dietary and anthropometric measures of nutritional need among children across districts and parliamentary constituencies in India, 2016	1	Article	3
2	Improving primary health care delivery in Bihar, India: Learning from piloting and statewide scale-up of Ananya	1	Article	0
3	Utilizing mobile health and community informants to collect real-time health care data in extremely low resource environments	1	Article	0
4	Rapid response to the COVID-19 pandemic: Vietnam government's experience and preliminary success	0	Article	15
5	Coronavirus in Colombia: Stigma and quarantine	0	Editorial Material	4
6	How varying CD4 criteria for treatment initiation was associated with mortality of HIV-patients? A retrospective analysis of electronic health records from Andhra Pradesh, India	1	Article	0
7	Pre-season football preparation in the era of COVID-19: Croatian Football Association Model	0	Editorial Material	6
8	The COVID-19 containment in Vietnam: What are we doing?	0	Editorial Material	18
9	India's Bhilwara COVID-19 containment policy response: Lessons for public health policy makers globally	0	Editorial Material	1
10	The measles emergency is over, but the crisis continues - a call to action for the Pacific Islands	1	Editorial Material	4
11	Increased prevalence of hypertension in Ghana: New 2017 American College of Cardiology/American Hypertension Association hypertension guidelines application	1	Article	1
12	Will initial consultation patterns among undiagnosed cancer patients be the same after this COVID-19 pandemic? Experiences from the 2011 triple disaster in Fukushima, Japan	0	Editorial Material	0
13	Association between daytime napping and obesity in Chinese middle-aged and older adults	1	Article	2
14	Strong community-based health systems and national governance predict improvement in coverage of oral rehydration solution (ORS): a multilevel longitudinal model	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
15	Community activism as a strategy to reduce intimate partner violence (IPV) in rural Rwanda: Results of a community randomised trial	1	Article	4
16	Earthquake in the time of COVID-19: The story from Croatia (CroVID-20)	0	Editorial Material	11
17	Severe acute malnutrition treatment delivered by low-literate community health workers in South Sudan: A prospective cohort study	1	Article	2
18	Perpetration of intimate partner violence and mental health outcomes: sex- and gender-disaggregated associations among adolescents and young adults in Nigeria	1	Article	2
19	Setting global research priorities for private sector child health service delivery: Results from a CHNRI exercise	1	Article	0
20	Coping with the COVID-19 pandemic in Italy and Spain: Lessons in response urgency	0	Editorial Material	1
21	Ethnic-minority health care workers discrimination: An example from Japan during COVID-19 pandemic	0	Editorial Material	1
22	The myth of psychological debriefings during the corona pandemic	1	Editorial Material	3
23	Association between social participation and cognitive function among middle- and old-aged Chinese: A fixed-effects analysis	1	Article	4
24	A classification of the aims of vaccination and its relevance to transgenerational justice	1	Editorial Material	1
25	Impact of mobile health-enhanced supportive supervision and supply chain management on appropriate integrated community case management of malaria, diarrhoea, and pneumonia in children 2-59 months: A cluster randomised trial in Eastern Province, Zambia	1	Article	2
26	A nationwide analysis of the excess death attributable to diabetes in Brazil	1	Article	2
27	Knowledge, attitudes and practices of COVID-19 among income-poor households in the Philippines: A cross-sectional study	0	Article	45
28	Containing the spread of COVID-19 in Ethiopia	0	Editorial Material	20



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
29	The myth that Nigerians are immune to SARS-CoV-2 and that COVID-19 is a hoax are putting lives at risk	0	Editorial Material	5
30	Health disparities research is enabled by data diversity but requires much tighter integration of collaborative efforts	1	Editorial Material	0
31	Design for extreme scalability: A wordless, globally scalable COVID-19 prevention animation for rapid public health communication	0	Editorial Material	2
32	The need to implement non-industry COVID-19 clinical trials in non-high-income countries	0	Editorial Material	0
33	Saving the frontline health workforce amidst the COVID-19 crisis: Challenges and recommendations	0	Editorial Material	44
34	Academic careers in global pulmonary and critical care medicine	1	Editorial Material	2
35	The COVID-19 outbreak in Iran	0	Editorial Material	9
36	When will the battle against novel coronavirus end in Wuhan: A SEIR modeling analysis	0	Article	13
37	Will Jordan be closer to UHC after the COVID-19 pandemic?	0	Editorial Material	0
38	Zero confirmed cases: The ways we curb COVID-19 in Taiwanese prisons	0	Editorial Material	2
39	Understanding the role of interpersonal violence in assisted partner notification for HIV: a mixed-methods study in refugee settlements in West Nile Uganda	1	Article	0
40	Health coverage and what Kenya can learn from the COVID-19 pandemic	0	Editorial Material	5
41	Can global health opportunities lead to an increase in primary care physicians?	1	Editorial Material	0
42	COVID 19: Frontline experience at a tertiary care hospital in UK	0	Editorial Material	2
43	Can early treatment of patients with risk factors contribute to managing the COVID-19 pandemic?	0	Editorial Material	6
44	Treatment delays in oncology patients during COVID-19 pandemic: A perspective	1	Editorial Material	22
45	The roles of a Grandmother in African societies - please do not send them to old people's homes	1	Editorial Material	0
46	Factors affecting the successful implementation of Global Polio Eradication Initiative (GPEI) in low- and middle-income countries	1	Editorial Material	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
47	Current trends and challenges on dementia management and research in Latin America	1	Editorial Material	7
48	Tackling COVID-19: Can the African continent play the long game?	0	Editorial Material	14
49	The perils of COVID-19 in Nepal: Implications for population health and nutritional status	0	Editorial Material	13
50	Consequences of the coronavirus pandemic for global health research and practice	1	Editorial Material	1
51	A combination of COVID-19 and dengue fever in Bangladesh: Preparedness of Bangladesh	0	Editorial Material	2
52	SARS-CoV-2 and displaced persons in Afghanistan: A blind spot in epidemic preparedness	0	Editorial Material	0
53	Investigating the association of health system characteristics and health care utilization: a multilevel model in China's ageing population	1	Article	0
54	The generals and the war against COVID-19: The case of Zimbabwe	0	Editorial Material	1
55	The resilience of two professionalized departmental health insurance units during the COVID-19 pandemic in Senegal	0	Editorial Material	0
56	Implementing integrated community case management during conflict in Yemen	1	Article	2
57	Global systematic review of cost of illness and economic evaluation studies associated with snakebite	1	Review	0
58	Gender equality and global health: intersecting political challenges	1	Article	3
59	From Africa to the World: Reimagining Africa's research capacity and culture in the global knowledge economy	1	Editorial Material	5
60	How Taiwan, a non-WHO member, takes actions in response to COVID-19	0	Editorial Material	7
61	Surviving mothers and lost babies - burden of stillbirths and neonatal deaths among women with maternal near miss in eastern Ethiopia: a prospective cohort study	1	Article	3
62	Combination of CT and RT-PCR in the screening or diagnosis of COVID-19	0	Editorial Material	11
63	Government preparedness and response towards COVID-19 outbreak in Nigeria: A retrospective analysis of the last 6 months	0	Editorial Material	1
64	Learning from Ananya: Lessons for primary health care performance improvement	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
65	The impact of HIV status on the distance traveled to health facilities and adherence to care. A record-linkage study from rural South Africa	1	Article	0
66	Examining coverage, content, and impact of maternal nutrition interventions: the case for quality-adjusted coverage measurement	1	Article	3
67	Estimating the catchment population and incidence of severe acute respiratory infections in a district hospital in Bousse, Burkina Faso	1	Article	0
68	Social normative and social network factors associated with adolescent pregnancy: a cross-sectional study of 176 villages in rural Honduras	1	Article	1
69	Screening policies, preventive measures and in-hospital infection of COVID-19 in global surgical practices	0	Article	14
70	A comparative, correlate analysis and projection of global and regional life expectancy, healthy life expectancy, and their GAP: 1995-2025	1	Article	3
71	Hygiene practices among young adolescents aged 12-15 years in low- and middle-income countries: a population-based study	1	Article	2
72	The contribution of service density and proximity to geographical inequalities in health care utilisation in Indonesia: A nation-wide multilevel analysis	1	Article	0
73	Use of a participatory quality assessment and improvement tool for maternal and neonatal hospital care. Part 1: Review of implementation features and observed quality gaps in 25 countries	1	Review	0
74	UNCOVER registry: A searchable online catalogue for COVID-19 evidence reviews	0	Editorial Material	1
75	A way to track governments' response and people's mobility changes in response to COVID-19 pandemic	0	Editorial Material	2
76	Impact of Indonesia's national health insurance scheme on inequality in access to maternal health services: A propensity score matched analysis	1	Article	6
77	Responding to COVID-19 in Brunei Darussalam: Lessons for small countries	0	Editorial Material	7

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
78	Exposure to air pollution and cognitive impairment risk: a meta-analysis of longitudinal cohort studies with dose-response analysis	1	Article	8
79	Understanding health seeking behaviors to inform COVID-19 surveillance and detection in resource-scarce settings	0	Editorial Material	1
80	Burden of valvular heart disease, 1990-2017: Results from the Global Burden of Disease Study 2017	1	Article	4
81	Regularizing daily routines for mental health during and after the COVID-19 pandemic	0	Editorial Material	23
82	The role of children in the transmission of SARS-CoV2: updated rapid review	0	Review	23
83	Strengthening global commitment to eliminating cervical cancer: What lessons from the past can we apply to the future?	1	Editorial Material	0
84	Centre-based care is a significant predictor of lower body mass index in early childhood: Longitudinal evidence from Chile	1	Article	1
85	The role of children in transmission of SARS-CoV-2: A rapid review	0	Review	39
86	Expanding the reach of global health radiology via the world's first medical hybrid airship: A SWOT analysis	1	Editorial Material	4
87	Key concerns in terms of the response to the COVID-19 pandemic	0	Editorial Material	0
88	Mental health and holistic care of migrant workers in Singapore during the COVID-19 pandemic	0	Editorial Material	6
89	Time poverty: Obstacle to women's human rights, health and sustainable development	1	Editorial Material	1
90	Reopening safely - Lessons from Taiwan's COVID-19 response	0	Editorial Material	0
91	Lessons from COVID-19 on the role of the state and the market in providing early testing	0	Editorial Material	1
92	A nationwide program to improve clinical care quality in the Kyrgyz Republic	1	Article	1
93	More effective strategies are required to strengthen public awareness of COVID-19: Evidence from Google Trends	0	Article	28
94	Timing and number of antenatal care contacts in low- and middle-income countries: Analysis in the Countdown to 2030 priority countries	1	Article	7

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
95	What's in a name?: Exploring inconsistent and contradictory definitions and clinical guidelines for hypertensive disorders of pregnancy from published literature from Nigeria and Bangladesh	1	Editorial Material	0
96	Consider inequality: Another consequence of the coronavirus epidemic	0	Editorial Material	2
97	The contribution of district prioritization on maternal and newborn health interventions coverage in rural India	1	Article	1
98	Achieving sustainable development nutrition targets: the challenge for South Asia	1	Editorial Material	3
99	Physical behaviors of 12-15 year-old adolescents in 54 low- and middle-income countries: Results from the Global School-based Student Health Survey	1	Article	5
100	Nutrition data use and needs: Findings from an online survey of global nutrition stakeholders	1	Article	1
101	Effects of underlying morbidities on the occurrence of deaths in COVID-19 patients: A systematic review and meta-analysis	0	Review	19
102	Natural outbreaks and bioterrorism: How to deal with the two sides of the same coin?	1	Editorial Material	0
103	From biological safety to social safety: How Taiwan's community centered prevention program controlled the COVID-19 outbreak	0	Editorial Material	6
104	Body mass index in early-pregnancy and selected maternal health outcomes: Findings from two cohorts in Bangladesh	1	Article	1
105	Answering 20 more questions on COVID-19 (March-April 2020)	0	Editorial Material	7
106	Epidemiological analysis of the early 38 fatalities in Hubei,China, of the coronavirus disease 2019	0	Article	6
107	Hypertonic saline nasal irrigation and gargling should be considered as a treatment option for COVID-19	0	Editorial Material	12
108	Models for estimating and projecting global, regional and national prevalence and disease burden of asthma: a systematic review	1	Review	2
109	Association between food insecurity and cardiometabolic risk in adults and the elderly: A systematic review	1	Review	2
110	SARS-CoV-2 updates in a West African population and precautionary measures for sustaining quality antenatal care	0	Editorial Material	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	delivery			
111	The association of malaria infection and gestational hypertension in Africa: Systematic review and meta-analysis	1	Review	2
112	The ethics and value of contact tracing apps: International insights and implications for Scotland's COVID-19 response	0	Editorial Material	12
113	COVID-19 mortality among pregnant women in Mexico: A retrospective cohort study	0	Article	4
114	The COVID-19 pandemic and Community Health Workers: An opportunity to maintain delivery of care and education for families of children with epilepsy in Zambia	0	Editorial Material	0
115	Suffering in silence: Sexual and gender-based violence against the Rohingya community and the importance of a global health response	1	Editorial Material	0
116	Tobacco use and sleep loss over worry among adolescents aged 12-15 years: A population-based study of 38 countries	1	Article	2
117	Improving fiscal space for health from the perspective of efficiency in low- and middle-income countries: What is the evidence?	1	Article	3
118	Discordance in postnatal care between mothers and newborns: Measurement artifact or missed opportunity?	1	Article	2
119	Using Google Trends to assess the impact of global public health days on online health information seeking behaviour in Central and South America	1	Article	9
120	The need to improve the laws and regulations relevant to the outbreak of COVID-19: What might be learned from China?	0	Editorial Material	3
121	Coronavirus: An insight into global research until outbreak of COVID-19 and its implications for the future	0	Article	5
122	Retrospective analysis of the accuracy of predicting the alert level of COVID-19 in 202 countries using Google Trends and machine learning	0	Article	4
123	Why improving the measurement and monitoring of essential maternal and newborn health interventions matters	1	Editorial Material	1
124	Variability in published rates of influenza-associated hospitalizations: A systematic review, 2007-2018	1	Review	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
125	A primary care alternative to a hospital-based approach to COVID-19 in India	0	Editorial Material	3
126	The role of smoke from cooking indoors over an open flame and parental smoking on the risk of cleft lip and palate: A case- control study in 7 low-resource countries	1	Article	2
127	Basic maternal health care coverage among adolescents in 22 sub-Saharan African countries with high adolescent birth rate	1	Article	2
128	Early prediction and identification for severe patients during the pandemic of COVID-19: A severe COVID-19 risk model constructed by multivariate logistic regression analysis	0	Article	9
129	Masculinities and violence: using latent class analysis to investigate the origins and correlates of differences between men in the cross-sectional UN Multi-country Study on men and violence in Asia and the Pacific	1	Article	2
130	COVID-19 in Greece: People take precedence over economics	0	Editorial Material	0
131	Systematic review estimating the burden of dementia in the WHO Southeast Asia Region using Bayesian and frequentist approaches	1	Review	2
132	Optimizing the diagnostic capacity for COVID-19 PCR testing for low resource and high demand settings: The development of information-dependent pooling protocol	0	Article	2
133	Influenza vaccination strategies for 2020-21 in the context of COVID-19	0	Review	5
134	COVID-19 in Ethiopia: A contextual approach to explaining its slow growth	0	Editorial Material	1
135	COVID-19 in Canada: A self-assessment and review of preparedness and response	0	Editorial Material	1
136	The utility of a structured mentorship program for enhancing competencies in global health	1	Editorial Material	0
137	Reaching further by Village Health Collaborators: The informal health taskforce of Vietnam for COVID-19 responses	0	Editorial Material	23
138	Are people in the bush really physically active? A systematic review and meta-analysis of physical activity and sedentary behaviour in rural Australians populations	1	Review	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
139	Fighting COVID-19 with water	0	Editorial Material	7
140	E-pharmacies in India: Can they improve the pharmaceutical service delivery?	1	Editorial Material	2
141	Gender-based violence during the COVID-19 pandemic response in Italy	0	Editorial Material	3
142	How to safely and smoothly resume trials after the COVID-19 outbreak	0	Editorial Material	0
143	The operational readiness capacities of the grassroots health system in responses to epidemics: Implications for COVID-9 control in Vietnam	0	Article	19
144	COVID-19: Could India still escape?	0	Editorial Material	1
145	What's the way out? Potential exit strategies from the COVID-19 lockdown	0	Editorial Material	11
146	Beyond handwashing: Water insecurity undermines COVID-19 response in developing areas	0	Editorial Material	12
147	Evaluating coverage of maternal syphilis screening and treatment within antenatal care to guide service improvements for prevention of congenital syphilis in Countdown 2030 Countries	1	Article	1
148	The case for compulsory licensing during COVID-19	0	Editorial Material	8
149	Establishment of a hospital-based health care workers surveillance programme to keep them safe during the COVID-19 pandemic	0	Editorial Material	0
150	The development and implementation of an oxygen treatment solution for health facilities in low and middle-income countries	1	Article	1
151	Immediate impact of COVID-19 on mental health and its associated factors among healthcare workers: A global perspective across 31 countries	0	Editorial Material	11
152	Trends, patterns and health consequences of multimorbidity among South Korea adults: Analysis of nationally representative survey data 2007-2016	1	Article	3
153	Reporting guidelines should be free to publish, read, and use	1	Editorial Material	1



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
154	Estimation of unreported SARS-CoV-2 cases in Italy using a Susceptible-Exposed-Infectious-Recovered-Dead model	0	Article	3
155	Decreasing child death from diarrhoea requires more focus on poor hygiene	1	Editorial Material	0
156	Epidemic and control of COVID-19 in Niger: quantitative analyses in a least developed country	0	Article	5
157	Incidence of respiratory syncytial virus related health care utilization in the United States	1	Article	3
158	Informing policy makers on the efficiency of population level tobacco control interventions in Asia: A systematic review of model-based economic evaluations	1	Review	0
159	Physical activity and COVID-19: an observational and Mendelian randomisation study	0	Article	11
160	COVID-19: Universal health coverage now more than ever	0	Editorial Material	8
161	Risk factors for Epstein Barr virus-associated cancers: a systematic review, critical appraisal, and mapping of the epidemiological evidence	1	Review	12
162	Addressing the gaps in mental health care for internally displaced persons	1	Editorial Material	0
163	Assessment of the preparedness of the Ugandan health care system to tackle more COVID-19 cases	0	Editorial Material	1
164	The collateral damage of the COVID-19 pandemic on surgical health care in sub-Saharan Africa	0	Editorial Material	2
165	Need for more proactive use of pharmacists in the COVID-19 pandemic following lessons learnt from the Great East Japan Earthquake	0	Editorial Material	1
166	Correcting the pandemic: Analysis of corrections to journal articles on COVID-19 and Ebola	0	Editorial Material	1
167	Learning from tuberculosis: COVID-19 highlights the need for more robust infection control policy	0	Editorial Material	1
168	COVID-19 in the elderly: A Malaysian perspective	0	Editorial Material	5
169	Covering the last mile for vaccination: Feasibility and acceptability of traditional birth attendant-based referral system in hard-to-reach areas in rural Pakistan	1	Article	0
170	SARS-CoV-2-related pneumonia cases in pneumonia picture in Russia in March-May 2020: Secondary bacterial	0	Article	11

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	pneumonia and viral co-infections			
171	Universal health coverage in the framework of the 2030 global agenda for sustainable development: agreements and challenges	1	Editorial Material	1
172	National user fee abolition and health insurance scheme in Burkina Faso: How can they be integrated on the road to universal health coverage without increasing health inequities?	1	Editorial Material	2
173	Human rights and global health emergencies preparedness	1	Editorial Material	0
174	Impact of coronavirus outbreak on psychological health	0	Editorial Material	55
175	Antimicrobial resistance and over the counter use of drugs in Nepal	1	Editorial Material	6
176	Topical emollient therapy in the management of severe acute malnutrition in children under two: A randomized controlled clinical trial in Bangladesh	1	Article	4
177	Middle-East OBGYN Graduate Education (MOGGE) Foundation Practice Guidelines: Prelabor rupture of membranes; Practice guideline No. 01-O-19	1	Editorial Material	4
178	Psychosocial interventions for intimate partner violence in low and middle income countries: A meta-analysis of randomised controlled trials	1	Article	1
179	Simple technology for COVID-19 medical solid waste treatment in low-resourced settings	0	Editorial Material	2
180	Nigeria's public health response to the COVID-19 pandemic: January to May 2020	0	Editorial Material	10
181	Epidemiological characteristics and trends of notifiable infectious diseases in China from 1986 to 2016	1	Article	5
182	Modeling the future of cancer registration and research: The Martinique Cancer Data Hub Platform	1	Editorial Material	0
183	Mortality in India established through verbal autopsies (MINerVA): Strengthening national mortality surveillance system in India	1	Article	0
184	Best practices in global health evaluation: Reflections on learning from an independent program analysis in Bihar, India	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
185	Applicability of the WHO maternal near-miss tool: A nationwide surveillance study in Suriname	1	Article	4
186	Protecting health care workers in the front line: Innovation in COVID-19 pandemic	0	Editorial Material	14
187	Retraction and republication: The roles of a Grandmother in African societies - please do not send them to old people's homes	1	Editorial Material	0
188	Breaking the cycle of the COVID-19 transmission: A challenge for Nigeria	0	Editorial Material	1
189	Antenatal screening practices in the WHO European Region: a mixed methods study	1	Article	1
190	Mandatory universal masking is the key to stop COVID-19	0	Editorial Material	0
191	Community health worker-based mobile health (mHealth) approaches for improving management and caregiver knowledge of common childhood infections: A systematic review	1	Review	1
192	Health layering of self-help groups: impacts on reproductive, maternal, newborn and child health and nutrition in Bihar, India	1	Article	1
193	Evaluation of global health capacity building initiatives in low-and middle-income countries: A systematic review	1	Review	1
194	Lessons from COVID-19 pandemic for the child survival agenda	0	Editorial Material	0
195	Evaluation of a large-scale reproductive, maternal newborn and child health and nutrition program in Bihar, India, through an equity lens	1	Article	0
196	Burden of influenza-associated respiratory and circulatory mortality in India, 2010-2013	1	Article	9
197	A systematic review of interventions addressing limited health literacy to improve asthma self-management	1	Review	3
198	COVID-19 among health workers in Brazil: The silent wave	0	Editorial Material	4
199	To fast or not to fast: Lipid measurement and cardiovascular disease risk estimation in rural sub-Saharan Africa	1	Article	0
200	An application of ARIMA model for predicting total health expenditure in China from 1978-2022	1	Article	8
201	Impact of the Ananya program on reproductive, maternal, newborn and child health and nutrition in Bihar, India: early	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	results from a quasi-experimental study			
202	The impact of women's empowerment on their children's early development in 26 African countries	1	Article	2
203	COVID-19 in Malaysia: Crucial measures in critical times	0	Editorial Material	7
204	COVID-19 pandemic: The African paradox	0	Editorial Material	17
205	Addressing methodological and ethical issues in practicing health economic evaluation in China	1	Editorial Material	1
206	Surgery and universal health coverage: Designing an essential package for surgical care expansion and scale-up	1	Editorial Material	1
207	Home based dialysis systems in developing countries	1	Editorial Material	0
208	Civil society's response to emerging public health events in China	1	Editorial Material	1
209	Global COVID-19: Warnings and suggestions based on experience of China	0	Article	7
210	Government public health intelligence units: bridging the data to policy gap	1	Editorial Material	0
211	Access, demand, and utilization of childhood immunization services: A cross-sectional household survey in Western Area Urban district, Sierra Leone, 2019	1	Article	2
212	Increasing health insurance enrolment in the informal economic sector	1	Editorial Material	1
213	Contributing to health training in low and middle income countries - global health programmes' responsibility to be sustainable and impactful	1	Editorial Material	0
214	First Rwanda National Trauma Symposium 2019: Challenges and priorities	1	News Item	0
215	A cascade of causes that led to the COVID-19 tragedy in Italy and in other European Union countries	0	Editorial Material	15
216	Indian higher education and youth mental health: Challenges and opportunities	1	Editorial Material	0
217	COVID-19 in Myanmar: Spread, actions and opportunities for peace and stability	0	Editorial Material	0
218	Burdening the poor: Extreme responses to COVID-19 in India and the Southeastern United States	0	Editorial Material	1
219	What is the evidence for transmission of COVID-19 by children in schools? A living systematic review	0	Article	11

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
220	Challenges to testing COVID-19 in conflict zones: Yemen as an example	0	Editorial Material	8
221	Determinants and patterns of care-seeking for childhood illness in rural Pune District, India	1	Article	2
222	Answering the initial 20 questions on COVID-19 (January-February 2020)	0	Editorial Material	1
223	At a crossroads: How can Nepal enhance its community health care system to achieve Sustainable Development Goal 3 and universal health coverage?	1	Editorial Material	0
224	Do household asset wealth measurements depend on who is surveyed? Asset reporting concordance within multi-adult households in rural Uganda	1	Article	9
225	Using a mobile nurse mentoring and training program to address a health workforce capacity crisis in Bihar, India: Impact on essential intrapartum and newborn care practices	1	Article	0
226	National COVID-19 lockdown exit strategies need to pay more attention to community engagement and workplace safety	0	Editorial Material	1
227	Addressing COVID-19 in Afghanistan: What are the efforts and challenges?	0	Editorial Material	10
228	Medical student perceptions of working in clinical environments during the COVID-19 pandemic	0	Editorial Material	1
229	A proposal to make the pulse oximetry as omnipresent as thermometry in public health care systems	1	Editorial Material	3
230	Effects of therapeutic zinc supplementation for diarrhea and two preventive zinc supplementation regimens on the incidence and duration of diarrhea and acute respiratory tract infections in rural Laotian children: A randomized controlled trial	1	Article	3
231	Evaluation of the relationship between cognitive impairment and suboptimal health status in a northern Chinese population: a cross-sectional study	1	Article	3
232	Socio-emotional challenges and development of children left behind by migrant mothers	1	Article	3
233	The importance of improving intervention coverage measurement for ensuring all women, children and adolescents are reached with the health care services they need	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
234	Political challenges to prioritizing gender in global health organisations	1	Article	3
235	Applying a gender lens to global health and well-being: Framing a Journal of Global Health special collection	1	Editorial Material	0
236	Continuum of care approach for managing non-communicable diseases in low- and middle-income countries	1	Editorial Material	0
237	Impact of the COVID-19 pandemic on global health research training and education	0	Editorial Material	0
238	To wear or not to wear a mask in the COVID-19 era? The broken bridge between recommendations and implementation in Lebanon	0	Editorial Material	1
239	Global health: Global health diplomacy	1	Editorial Material	0
240	Achieving Sustainable Development Goal 3 on health from global pharmacy workforce	1	Editorial Material	0
241	Community health workers in humanitarian settings: Scoping review	1	Review	4
242	How prepared is Brazil to tackle the COVID-19 disease?	0	Editorial Material	2
243	Early epidemiological indicators, outcomes, and interventions of COVID-19 pandemic: A systematic review	0	Review	15
244	Reframing infection control approaches in low-resource health care settings: A nod to the emic perspective	1	Editorial Material	0
245	How Japan managed to curb the pandemic early on: Lessons learned from the first eight months of COVID-19	0	Editorial Material	1
246	COVID-19 must catalyse key global natural experiments	0	Editorial Material	2
247	Analysis of public engagement with ten major global health topics on a social network profile and a newspaper website	1	Article	2
248	Warning from Canada: Latin America, South Africa and India may face an opioid epidemic in the coming years	1	Editorial Material	3
249	Rapid assessment of COVID-19 suspected cases: A community based approach for developing countries like Pakistan	0	Editorial Material	1
250	Improving the utilization of essential public health services by Chinese elderly migrants: strategies and policy implication	1	Article	4
251	Impact of routine vaccination against Haemophilus influenzae type b in The Gambia: 20 years after its introduction	1	Article	1
252	Mixed and blended emotional reactions to 2014 Ebola outbreak	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
253	Geospatial variations in trends of reproductive, maternal, newborn and child health and nutrition indicators at block level in Bihar, India, during scale-up of Ananya program interventions	1	Article	0
254	Earthquake rebuilding and response to COVID-19 in Nepal, a country nestled in multiple crises	0	Editorial Material	6
255	Concerns of HIV-positive migrant workers in COVID-19 pandemic: A call for action	0	Editorial Material	4
256	Healthcare worker attendance during the early stages of the COVID-19 pandemic: A longitudinal analysis of fingerprint-verified data from all public-sector secondary and tertiary care facilities in Bangladesh	0	Article	1
257	Early psychological impact of the 2019 coronavirus disease (COVID-19) pandemic and lockdown in a large Spanish sample	0	Article	19
258	Risk of congenital birth defects during COVID-19 pandemic: Draw attention to the physicians and policymakers	0	Editorial Material	1
259	An analysis of death trends in Argentina, 1990-2017, with emphasis on the effects of economic crises	1	Article	0
260	Implementation of the International Health Regulations in Somaliland supports multisectoral response to COVID-19	0	Editorial Material	0
261	Impact of mHealth interventions for reproductive, maternal, newborn and child health and nutrition at scale: BBC Media Action and the Ananya program in Bihar, India	1	Article	3
262	Effective approaches to public engagement with global health topics	1	Article	3
263	COVID-19 in Egypt: Uncovered figures or a different situation?	0	Editorial Material	15
264	Addressing smokeless tobacco use and building research capacity in South Asia (ASTRA)	1	Editorial Material	2
265	The emergence of a One Health workforce: At the crossroads of technology innovation and frontline health workers	1	Editorial Material	0
266	In the COVID-19 era, let's keep an eye on clinical trials in Africa	0	Editorial Material	0
267	Engaging with stakeholders in a research programme to promote implementation of pulmonary rehabilitation in Bangladesh: Challenges and opportunities	1	Editorial Material	2
268	Investigation of 100 SARS-CoV-2 infected families in Wuhan: Transmission patterns and follow-up	0	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
269	Estimating malaria chemoprevention and vector control coverage using program and campaign data: A scoping review of current practices and opportunities	1	Review	0
270	Benchmarking national action plans on antimicrobial resistance in eight selected LMICs: Focus on the veterinary sector strategies	1	Article	0
271	Fertility is a key predictor of the double burden of malnutrition among women of child-bearing age in sub-Saharan Africa	1	Article	1
272	Strategies and implications for improving the cure rate of Novel Coronavirus Pneumonia in Wuhan	1	Editorial Material	0
273	Early childhood suspected developmental delay in 63 low- and middle-income countries: Large within- and between-country inequalities documented using national health surveys	1	Article	10
274	An evidence-based framework for priority clinical research questions for COVID-19	0	Article	7
275	The disease burden of childhood asthma in China: a systematic review and meta-analysis	1	Review	9
276	Successful flattening of COVID-19 epidemiological curve in Jordan	0	Editorial Material	1
277	The ethical dilemma of ventilator sharing during the COVID-19 pandemic	0	Editorial Material	1
278	Fighting the COVID-19 pandemic using the technology-based second-line in Italy and Lombardy: The urgent need of home-based remote monitoring systems to avoid the collapse of the hospital-centred first line	0	Editorial Material	1
279	HIV-related stigma trends in the general population of India during an era of antiretroviral treatment expansion, 2005-16	1	Article	0
280	Integrated multisectoral non-communicable disease prevention and control in China: A review of agencies and policies	1	Editorial Material	1
281	Specific skill training for low-resource countries: A perspective from a broad workforce development project in Afghanistan	1	Editorial Material	0
282	Bugs as Drugs, potential self-regenerated innovative cancer therapeutics approach for global health	1	Editorial Material	0



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
283	Advancing the measurement agenda for menstrual health and hygiene interventions in low- and middle-income countries	1	Editorial Material	1
284	Predictors of Epstein-Barr virus serostatus and implications for vaccine policy: A systematic review of the literature	1	Review	3
285	A cautionary note on the association between meteorological parameters and COVID-19 pandemic	0	Editorial Material	0
286	Influencing factors of SARS-CoV2 spread in Africa	0	Editorial Material	1
287	COVID 19 and BAME health care staff: Wrong place at the wrong time	0	Editorial Material	7
288	Online keyword searching in three countries and languages reflects different perceptions and behaviors in response to the name of the novel coronavirus disease	1	Editorial Material	0
289	Estimating transportation role in pandemic diffusion in Nigeria: A consideration of 1918-19 influenza and COVID-19 pandemics	0	Article	2
290	Realizing the potential of embedded implementation research: Lessons from Pakistan	1	Editorial Material	1
291	Building an interdisciplinary pain medicine and palliative care program in Ethiopia	1	Editorial Material	0
292	The PEGASUS Conferences: A unique avenue to bridge evidence and action	1	News Item	1
293	Helping global health topics go viral online	1	Editorial Material	0
294	A systematic analysis of online public engagement with 10 videos on major global health topics involving 229 459 global online viewers	1	Article	0
295	The prevalence, patterning and associations with depressive symptoms and self-rated health of emotional and economic intimate partner violence: a three-country population based study	1	Article	2
296	Seven pillars for ethics in digital diagnostic assistance among clinicians: Take-homes from a multi-stakeholder and multi-country workshop	1	Editorial Material	1
297	The role of viral co-infections in the severity of acute respiratory infections among children infected with respiratory	1	Review	6

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	syncytial virus (RSV): A systematic review and meta-analysis			
298	Validating a GPS-based approach to detect health facility visits against maternal response to prompted recall survey	1	Article	1
299	Assessing community health worker service delivery in humanitarian settings	1	Editorial Material	4
300	Novel approaches to estimate compliance with lockdown measures in the COVID-19 pandemic	0	Editorial Material	10
301	Trends in reproductive, maternal, newborn and child health and nutrition indicators during five years of piloting and scaling-up of Ananya interventions in Bihar, India	1	Article	1
302	Mobilizing medical students for COVID-19 responses: Experience of Vietnam	0	Editorial Material	11
303	Clinical nutrition care challenges in low-resource settings during the COVID-19 pandemic: A focus on Malawi	0	Editorial Material	2
304	Statewide implementation of a quality improvement initiative for reproductive, maternal, newborn and child health and nutrition in Bihar, India	1	Article	0
305	SWPER Global: A survey-based women's empowerment index expanded from Africa to all low- and middle-income countries	1	Article	8
306	Developing a three-dimensional narrative to counter polio vaccine refusal in Charsadda	1	Article	3
307	Precision-weighted estimates of neonatal, post-neonatal and child mortality for 640 districts in India, National Family Health Survey 2016	1	Article	2
308	Social mobilization campaign to tackle immunization hesitancy in Sargodha and Khushab districts of Pakistan	1	Article	2
309	Maternity and child care amidst COVID-19 Pandemic: A forgotten agenda	0	Editorial Material	1
310	Factors influencing the sustainability of digital health interventions in low-resource settings: Lessons from five countries	1	Editorial Material	0
311	COVID-19: Obesity, deprivation and death	0	Editorial Material	4
312	Alcohol consumption: An important epidemiological factor in COVID-19?	0	Editorial Material	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
313	COVID-19 in Bangladesh: Data deficiency to delayed decision	0	Editorial Material	4
314	Ophthalmic manifestations of novel coronaviruses: precautionary measures and diagnostic possibilities	1	Editorial Material	1
315	Nicaragua's surprising response to COVID-19	0	Editorial Material	3
316	Reopening schools after the COVID-19 lockdown	0	Editorial Material	21
317	Effective coverage for hypertension treatment among middle-aged adults and the older population in China, 2011 to 2013: A nationwide longitudinal study	1	Article	0
318	High value of rapid diagnostic tests to diagnose malaria within children: A systematic review meta-analysis	1	Review	3
319	How to control the economic burden of treating cardio-cerebrovascular diseases in China? Assessment based on System of Health Accounts 2011	1	Article	1
320	Access to modern methods of contraception in Italy: Will the COVID-19 pandemic be aggravating the issue?	0	Editorial Material	0
321	Mitigation of COVID-19 clusters in Malaysia	0	Editorial Material	3
322	Determination of the emergency phase for response against endemic disease outbreak: A case of Lassa fever outbreak in Nigeria	1	Editorial Material	3
323	Health impact of self-help groups scaled-up statewide in Bihar, India	1	Article	0
324	What is the optimal length of an Online Forward Triage Tool? The need for a framework	1	Editorial Material	0
325	SARS-CoV-2 in Malawi: Are we sacrificing the Youth in sub-Saharan Africa?	0	Editorial Material	0
326	Imagining a lean and agile digital health ecosystem - a measure of pandemic responsiveness	0	Editorial Material	0
327	Use of a participatory quality assessment and improvement tool for maternal and neonatal hospital care. Part 2: Review of the results of quality cycles and of factors influencing change	1	Review	0
328	Undertesting of COVID-19 in Indonesia: what has gone wrong?	0	Editorial Material	5
329	Improved child marriage laws and its association with changing attitudes and experiences of intimate partner violence: a	1	Article	4

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	comparative multi-national study			
330	Empowering women through probiotic fermented food in East Africa	1	Editorial Material	2
331	Variance estimation for effective coverage measures: A simulation study	1	Article	4
332	World Health Organization simulations: an increasingly popular learning tool for the development of future global health practitioners	1	Editorial Material	1
333	Occupational health and safety in China: From emergency response to Jiangsu chemical explosion to long-term governance improvement	1	Editorial Material	0
334	National Sample Vital Registration System: A sustainable platform for COVID-19 and other infectious diseases surveillance in low and middle-income countries	0	Editorial Material	1
335	Preparedness to face the COVID-19 pandemic - is India missing the mark?	0	Editorial Material	0
336	The research output on interventions for the behavioural risk factors alcohol & drug use and dietary risk is not related to their respective burden of ill health in countries at differing World Bank income levels	1	Article	0
337	Simulation and team training embedded nurse mentoring programme and improvement in intrapartum and newborn care in a low-resource setting in Bihar, India	1	Article	0
338	Verbal/social autopsy analysis of causes and determinants of under-5 mortality in Tanzania from 2010 to 2016	1	Article	2
339	Global RECHARGE: Establishing a standard international data set for pulmonary rehabilitation in low- and middle-income countries	1	Editorial Material	3
340	Nigeria, COVID-19 and the dearth of health workers	0	Editorial Material	0
341	Can the COVID-19 pandemic boost the global adoption and usage of eHealth solutions?	0	Editorial Material	1
342	Leaving no one behind: Towards equitable global elimination of hepatitis C	1	Editorial Material	0
343	Collective pharmaceutical procurement in China may have unintended consequences in supply and pricing	1	Editorial Material	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
344	Association of collective attitudes and contraceptive practice in nine sub-Saharan African countries	1	Article	5
345	G20 Okayama Health Ministers' Meeting: Conclusions and commitments	1	Editorial Material	4

**Data source:** Web of Science

**Table S17 List of articles published in *Lancet Global Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Feasibility of controlling COVID-19 outbreaks by isolation of cases and contacts	0	Article	536
2	Estimates of incidence and mortality of cervical cancer in 2018: a worldwide analysis	1	Article	535
3	The experiences of health-care providers during the COVID-19 crisis in China: a qualitative study	0	Article	315
4	Early estimates of the indirect effects of the COVID-19 pandemic on maternal and child mortality in low-income and middle-income countries: a modelling study	0	Article	275
5	Global, regional, and national estimates of the population at increased risk of severe COVID-19 due to underlying health conditions in 2020: a modelling study	0	Article	255
6	Global burden of cancer attributable to infections in 2018: a worldwide incidence analysis	1	Article	188
7	Potential association between COVID-19 mortality and healthcare resource availability	0	Letter	150
8	Potential impact of the COVID-19 pandemic on HIV, tuberculosis, and malaria in low-income and middle-income countries: a modelling study	0	Article	179
9	Ethnic and regional variations in hospital mortality from COVID-19 in Brazil: a cross-sectional observational study	0	Article	119
10	COVID-19 in Italy: momentous decisions and many uncertainties	0	Letter	75
11	Affordability of the EAT-Lancet reference diet: a global analysis	1	Article	83
12	Effect of the COVID-19 pandemic response on intrapartum care, stillbirth, and neonatal mortality outcomes in Nepal: a prospective observational study	0	Article	109
13	SARS-CoV-2 antibody prevalence in Brazil: results from two successive nationwide serological household surveys	0	Article	105
14	Immediate impact of stay-at-home orders to control COVID-19 transmission on socioeconomic conditions, food insecurity, mental health, and intimate partner violence in Bangladeshi women and their families: an interrupted time series	0	Article	92

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
15	Unintended pregnancy and abortion by income, region, and the legal status of abortion: estimates from a comprehensive model for 1990-2019	1	Article	76
16	Routine childhood immunisation during the COVID-19 pandemic in Africa: a benefit-risk analysis of health benefits versus excess risk of SARS-CoV-2 infection	0	Article	83
17	Use of antiviral drugs to reduce COVID-19 transmission	0	Letter	42
18	Global burden and trends in premenopausal and postmenopausal breast cancer: a population-based study	1	Article	66
19	Considering inequalities in the school closure response to COVID-19	0	Letter	52
20	Global burden of respiratory infections associated with seasonal influenza in children under 5 years in 2018: a systematic review and modelling study	1	Review	46
21	COVID-19: mitigating transmission via wastewater plumbing systems	0	Letter	66
22	Global and regional prevalence, burden, and risk factors for carotid atherosclerosis: a systematic review, meta-analysis, and modelling study	1	Review	55
23	COVID-19 pandemic in west Africa	0	Editorial Material	38
24	Early in the epidemic: impact of preprints on global discourse about COVID-19 transmissibility	0	Editorial Material	46
25	COVID-19 and risks to the supply and quality of tests, drugs, and vaccines	0	Editorial Material	32
26	A vulnerability index for the management of and response to the COVID-19 epidemic in India: an ecological study	0	Article	48
27	Limiting the spread of COVID-19 in Africa : one size mitigation strategies do not fit all countries	0	Editorial Material	35
28	Prevalence of vitamin D deficiency in Africa: a systematic review and meta-analysis	1	Review	33
29	Adverse health effects associated with household air pollution: a systematic review, meta-analysis, and burden estimation study	0	Review	36
30	Impact of COVID-19 lockdown on routine immunisation in Karachi, Pakistan	0	Letter	37

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
31	Guided self-help to reduce psychological distress in South Sudanese female refugees in Uganda: a cluster randomised trial	1	Article	29
32	Post-discharge prognosis of patients admitted to hospital for heart failure by world region, and national level of income and income disparity (REPORT-HF): a cohort study	1	Article	29
33	Opportunities and challenges for telehealth within, and beyond, a pandemic	0	Editorial Material	37
34	Trends in premature avertable mortality from non-communicable diseases for 195 countries and territories, 1990-2017: a population-based study	1	Article	23
35	A wake-up call: COVID-19 and its impact on children's health and wellbeing	0	Editorial Material	33
36	Estimates of the global population of children who are HIV-exposed and uninfected, 2000-18: a modelling study	1	Article	31
37	A call for action for COVID-19 surveillance and research during pregnancy	0	Editorial Material	17
38	COVID-19 outbreak and decreased hospitalisation of pregnant women in labour	0	Editorial Material	34
39	Diarrhoeal disease and subsequent risk of death in infants and children residing in low-income and middle-income countries: analysis of the GEMS case-control study and 12-month GEMS-1A follow-on study	1	Article	29
40	Real-world effectiveness of rotavirus vaccines, 2006-19: a literature review and meta-analysis	1	Review	33
41	Mortality and recurrent vascular events after first incident stroke: a 9-year community-based study of 0 center dot 5 million Chinese adults	1	Article	21
42	Characteristics of successful programmes targeting gender inequality and restrictive gender norms for the health and wellbeing of children, adolescents, and young adults: a systematic review	1	Review	28
43	A comprehensive assessment of universal health coverage in 111 countries: a retrospective observational study	1	Article	28
44	Deciphering the power of isolation in controlling COVID-19 outbreaks	0	Editorial Material	16
45	Effect of a differentiated service delivery model on virological failure in adolescents with HIV in Zimbabwe (Zvandiri):	1	Article	23



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	a cluster-randomised controlled trial			
46	Physical multimorbidity, health service use, and catastrophic health expenditure by socioeconomic groups in China: an analysis of population-based panel data	1	Article	24
47	Implementation of non-communicable disease policies: a geopolitical analysis of 151 countries	1	Article	20
48	Effective coverage measurement in maternal, newborn, child, and adolescent health and nutrition: progress, future prospects, and implications for quality health systems	1	Review	28
49	Use of the prevented fraction for the population to determine deaths averted by existing prevalence of physical activity: a descriptive study	1	Article	25
50	Biomedical waste amid COVID-19: perspectives from Bangladesh	0	Letter	27
51	Cooking fuels and risk of all-cause and cardiopulmonary mortality in urban China: a prospective cohort study	1	Article	21
52	Infection prevention and control compliance in Tanzanian outpatient facilities: a cross-sectional study with implications for the control of COVID-19	1	Article	27
53	Trends in cardiometabolic risk factors in the Americas between 1980 and 2014: a pooled analysis of population-based surveys	1	Article	22
54	COVID-19 pneumonia and the appropriate use of antibiotics	0	Editorial Material	26
55	Effect of facility-based HIV self-testing on uptake of testing among outpatients in Malawi: a cluster-randomised trial	1	Article	18
56	Safety of oral ivermectin during pregnancy: a systematic review and meta-analysis	1	Review	14
57	Initial findings from a novel population-based child mortality surveillance approach: a descriptive study	1	Article	26
58	Frequency and management of maternal infection in health facilities in 52 countries (GLOSS): a 1-week inception cohort study	1	Article	19
59	An appeal for practical social justice in the COVID-19 global response in low-income and middle-income countries	0	Editorial Material	13

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
60	Breast cancer survival and survival gap apportionment in sub-Saharan Africa (ABC-DO): a prospective cohort study	1	Article	17
61	Focusing on health-care providers' experiences in the COVID-19 crisis	0	Editorial Material	18
62	Community-based antiretroviral therapy versus standard clinic-based services for HIV in South Africa and Uganda (DO ART): a randomised trial	1	Article	16
63	Opium use and subsequent incidence of cancer: results from the Golestan Cohort Study	1	Article	13
64	Mental health matters	1	Editorial Material	10
65	Leveraging Africa's preparedness towards the next phase of the COVID-19 pandemic	0	Editorial Material	13
66	COVID-19: the current situation in Afghanistan	0	Letter	13
67	Food insecurity will be the sting in the tail of COVID-19	0	Editorial Material	15
68	COVID-19 response in the Middle East and north Africa: challenges and paths forward	0	Editorial Material	14
69	Not a luxury: a call to maintain sexual and reproductive health in humanitarian and fragile settings during the COVID-19 pandemic	0	Editorial Material	13
70	The global distribution of lymphatic filariasis, 2000-18: a geospatial analysis	1	Article	18
71	Projected health-care resource needs for an effective response to COVID-19 in 73 low-income and middle-income countries: a modelling study	0	Article	18
72	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000-17	1	Article	15
73	Early policy actions and emergency response to the COVID-19 pandemic in Mongolia: experiences and challenges	0	Article	10
74	Use of the six core surgical indicators from the Lancet Commission on Global Surgery in Colombia: a situational analysis	1	Article	11
75	Avoiding indirect effects of COVID-19 on maternal and child health	0	Editorial Material	10

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
76	Delays in hospital admissions in patients with fractures across 18 low-income and middle-income countries (INORMUS): a prospective observational study	1	Article	10
77	The power of peers and community in the continuum of HIV care	1	Editorial Material	13
78	Can Nigeria contain the COVID-19 outbreak using lessons from recent epidemics?	0	Letter	9
79	Gender inequalities in health and wellbeing across the first two decades of life: an analysis of 40 low-income and middle-income countries in the Asia-Pacific region	1	Article	11
80	Cause-specific mortality of children younger than 5 years in communities receiving biannual mass azithromycin treatment in Niger: verbal autopsy results from a cluster-randomised controlled trial	1	Article	12
81	Domestic HPV vaccine price and economic returns for cervical cancer prevention in China: a cost-effectiveness analysis	1	Article	11
82	COVID-19 preparedness in Malawi: a national facility-based critical care assessment	0	Letter	10
83	Randomised comparison of two household survey modules for measuring stillbirths and neonatal deaths in five countries: the Every Newborn-INDEPTH study	1	Article	18
84	Preventive malaria treatment among school-aged children in sub-Saharan Africa: a systematic review and meta-analyses	1	Review	11
85	Effects of updated demography, disability weights, and cervical cancer burden on estimates of human papillomavirus vaccination impact at the global, regional, and national levels: a PRIME modelling study	1	Article	16
86	The effect of acute malnutrition on enteric pathogens, moderate-to-severe diarrhoea, and associated mortality in the Global Enteric Multicenter Study cohort: a post-hoc analysis	1	Article	10
87	Clinical evaluation of modifications to a human papillomavirus assay to optimise its utility for cervical cancer screening in low-resource settings: a diagnostic accuracy study	1	Article	11
88	Recognising the substantial burden of neglected pandemics cystic and alveolar echinococcosis	1	Editorial Material	9

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
89	Gender-transformative programmes: implications for research and action	1	Editorial Material	15
90	Low-cost oral metronomic chemotherapy versus intravenous cisplatin in patients with recurrent, metastatic, inoperable head and neck carcinoma: an open-label, parallel-group, non-inferiority, randomised, phase 3 trial	1	Article	16
91	Overall, anti-malarial, and non-malarial effect of intermittent preventive treatment during pregnancy with sulfadoxine-pyrimethamine on birthweight: a mediation analysis	1	Article	12
92	Trends in reported antibiotic use among children under 5 years of age with fever, diarrhoea, or cough with fast or difficult breathing across low-income and middle-income countries in 2005-17: a systematic analysis of 132 national surveys from 73 countries	1	Article	14
93	Trends in sexual activity and demand for and use of modern contraceptive methods in 74 countries: a retrospective analysis of nationally representative surveys	1	Article	7
94	In the COVID-19 pandemic in Brazil, do brown lives matter?	0	Editorial Material	6
95	The colliding epidemics of COVID-19, Ebola, and measles in the Democratic Republic of the Congo	0	Editorial Material	12
96	Softening the blow of the pandemic: will the International Monetary Fund and World Bank make things worse?	0	Editorial Material	9
97	Prevalence of diabetes in pregnancy among Indigenous women in Australia, Canada, New Zealand, and the USA: a systematic review and meta-analysis	1	Review	7
98	Love in the time of COVID-19: negligence in the Nicaraguan response	0	Letter	7
99	Effects of high altitude on respiratory rate and oxygen saturation reference values in healthy infants and children younger than 2 years in four countries: a cross-sectional study	1	Article	8
100	Effectiveness and cost-effectiveness of group support psychotherapy delivered by trained lay health workers for depression treatment among people with HIV in Uganda: a cluster-randomised trial	1	Article	9
101	Burden of disease in francophone Africa, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017	1	Article	7

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
102	Association of childhood smoking and adult mortality: prospective study of 120 000 Cuban adults	1	Article	5
103	Rohingya refugees at high risk of COVID-19 in Bangladesh	0	Editorial Material	10
104	Clinical trials of disease stages in COVID 19: complicated and often misinterpreted	0	Editorial Material	8
105	Early-life respiratory syncytial virus lower respiratory tract infection in a South African birth cohort: epidemiology and effect on lung health	1	Article	9
106	Chinese trends in adolescent marriage and fertility between 1990 and 2015: a systematic synthesis of national and subnational population data	1	Article	8
107	The Lancet Global Health Commission on High Quality Health Systems 1 year on: progress on a global imperative	1	Editorial Material	10
108	Alcohol: global health's blind spot	1	Editorial Material	7
109	Dexamethasone for COVID-19: data needed from randomised clinical trials in Africa	0	Letter	6
110	Impact of COVID-19 on maternal and child health	0	Letter	10
111	GeneXpert for the diagnosis of COVID-19 in LMICs	0	Editorial Material	10
112	Epidemic cystic and alveolar echinococcosis in Kyrgyzstan: an analysis of national surveillance data	1	Article	6
113	Social innovation in global health: sparking location action	1	Editorial Material	5
114	Resource requirements for essential universal health coverage: a modelling study based on findings from Disease Control Priorities, 3rd edition	1	Article	9
115	Prediction of dementia risk in low-income and middle-income countries (the 10/66 Study): an independent external validation of existing models	1	Article	5
116	A new vehicle to accelerate the UN Sustainable Development Goals	1	Editorial Material	4
117	Decolonising COVID-19	0	Editorial Material	6
118	Analysing the affordability of the EAT-Lancet diet	1	Editorial Material	7

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
119	Association between ethnicity and under-5 mortality: analysis of data from demographic surveys from 36 low-income and middle-income countries	1	Article	3
120	Transparency assessment of COVID-19 models	0	Letter	9
121	All children surviving and thriving: re-envisioning UNICEF's conceptual framework of malnutrition	1	Editorial Material	10
122	Current awareness of palliative care in China	1	Letter	5
123	Vitamin D status in Africa is worse than in other continents	1	Editorial Material	7
124	Interim effect evaluation of the hepatitis C elimination programme in Georgia: a modelling study	1	Article	6
125	HIV, tuberculosis, and malaria: how can the impact of COVID-19 be minimised?	0	Editorial Material	9
126	Association between interpregnancy interval and subsequent stillbirth in 58 low-income and middle-income countries: a retrospective analysis using Demographic and Health Surveys	1	Article	8
127	Travel time to health-care facilities, mode of transportation, and HIV elimination in Malawi: a geospatial modelling analysis	1	Article	6
128	Burden of non-communicable diseases from infectious causes in 2017: a modelling study	1	Article	7
129	Work a key determinant in COVID-19 risk	0	Letter	8
130	Births and deaths must be registered in Africa	1	Letter	8
131	The global nursing workforce: realising universal palliative care	1	Editorial Material	3
132	Uncrewed aircraft systems versus motorcycles to deliver laboratory samples in west Africa: a comparative economic study	1	Article	5
133	Pulse oximetry in low-resource settings during the COVID-19 pandemic	0	Letter	8
134	Contextualising geographical vulnerability to COVID-19 in India	0	Editorial Material	6
135	Improving handwashing habits and household air quality in Africa after COVID-19	0	Editorial Material	8

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
136	COVID-19: time to plan for prompt universal access to diagnostics and treatments	0	Editorial Material	4
137	Negative pressure wound therapy versus standard treatment in patients with acute conflict-related extremity wounds: a pragmatic, multisite, randomised controlled trial	1	Article	4
138	Air pollution and stunting: a missing link?	1	Editorial Material	5
139	Impact of the visceral leishmaniasis elimination initiative on <i>Leishmania donovani</i> transmission in Nepal: a 10-year repeat survey	1	Article	7
140	Associations between national development indicators and the age profile of people who inject drugs: results from a global systematic review and meta-analysis	1	Review	7
141	Time to spatialise epidemiology in China	0	Editorial Material	7
142	Certifying the interruption of wild poliovirus transmission in the WHO African region on the turbulent journey to a polio free world	1	Article	6
143	Publishing in the time of COVID-19	0	Editorial Material	5
144	Answering the right questions for policymakers on COVID-19	0	Letter	5
145	The allocation of US\$105 billion in global funding from G20 countries for infectious disease research between 2000 and 2017: a content analysis of investments	1	Article	8
146	Temporal trends in socioeconomic inequalities in HIV testing: an analysis of cross-sectional surveys from 16 sub-Saharan African countries Pearl	1	Article	1
147	Point-of-care HPV molecular diagnostics for a test-and-treat model in high-risk HIV populations	1	Editorial Material	6
148	Health system quality in the time of COVID-19	0	Editorial Material	5
149	Providing maternal health services during the COVID-19 pandemic in Nepal	0	Editorial Material	9
150	COVID-19 in the Caribbean small island developing states: lessons learnt from extreme weather events	0	Editorial Material	5

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
151	Battling COVID-19 in the occupied Palestinian territory	0	Letter	6
152	The health and economic burden of smoking in 12 Latin American countries and the potential effect of increasing tobacco taxes: an economic modelling study	1	Article	3
153	The necessity for intra-action reviews during the COVID-19 pandemic	0	Editorial Material	6
154	Effects and cost of different strategies to eliminate hepatitis C virus transmission in Pakistan: a modelling analysis	1	Article	4
155	Use of the Demographic and Health Survey framework as a population surveillance strategy for COVID-19	0	Letter	2
156	Use of controlled temperature chain and compact prefilled auto-disable devices to reach 2030 hepatitis B birth dose vaccination targets in LMICs: a modelling and cost-optimisation study	1	Article	4
157	COVID-19: rethinking risk	0	Editorial Material	1
158	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000-17	1	Article	4
159	Estimating access to health care in Yemen, a complex humanitarian emergency setting: a descriptive applied geospatial analysis	1	Article	4
160	Oxygen availability in sub-Saharan African countries: a call for data to inform service delivery	1	Letter	4
161	Socioeconomic differences in health-care use and outcomes for stroke and ischaemic heart disease in China during 2009-16: a prospective cohort study of 0 center dot 5 million adults	1	Article	4
162	Impact of COVID-19 on maternal and child health	0	Letter	10
163	Cytisine for smoking cessation in patients with tuberculosis: a multicentre, randomised, double-blind, placebo-controlled phase 3 trial	1	Article	6
164	Diagnosing malaria and other febrile illnesses during the COVID-19 pandemic	0	Editorial Material	0
165	Challenges in ensuring robust research and reporting of health outcomes in sub-Saharan African prisons	1	Editorial Material	5



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
166	The burden of allergic diseases in the Indian subcontinent: barriers and challenges	1	Editorial Material	4
167	The epidemiology of rubella, 2007-18: an ecological analysis of surveillance data	1	Article	4
168	Unintended pregnancy and abortion: what does it tell us about reproductive health and autonomy?	1	Editorial Material	3
169	Effectiveness of post-partum family planning interventions on contraceptive use and method mix at 1 year after childbirth in Kinshasa, DR Congo (Yam Daabo): a single-blind, cluster-randomised controlled trial	1	Article	3
170	EU guidance impedes humanitarian action to prevent COVID-19 in Syria	0	Editorial Material	3
171	Risk-benefit analysis of tuberculosis infection testing for household contact management in high-burden countries: a mathematical modelling study	1	Article	4
172	COVID-19 care in India: the course to self-reliance	0	Editorial Material	5
173	On the fallibility of simulation models in informing pandemic responses	0	Letter	4
174	Global disparities in breast cancer outcomes: new perspectives, widening inequities, unanswered questions	1	Editorial Material	3
175	Excess mortality associated with mental illness in people living with HIV in Cape Town, South Africa: a cohort study using linked electronic health records	1	Article	3
176	Is ivermectin safe in pregnancy?	1	Editorial Material	3
177	Estimates of aid for reproductive, maternal, newborn, and child health: findings from application of the Muskoka2 method, 2002-17	1	Article	3
178	Effect of a mobile phone intervention for female sex workers on unintended pregnancy in Kenya (WHISPER or SHOUT): a cluster-randomised controlled trial	1	Article	2
179	Developing health policies in patients presenting with SARS-CoV-2: consider tuberculosis	0	Editorial Material	6
180	Impact of COVID-19 on maternal and child health	0	Letter	10
181	Cardiovascular risk of carotid atherosclerosis: global consensus beyond societal guidelines	1	Editorial Material	4

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
182	The burden of viral respiratory infections in young children in low-resource settings	1	Editorial Material	4
183	Selective laser trabeculoplasty versus 0.5% timolol eye drops for the treatment of glaucoma in Tanzania: a randomised controlled trial	1	Article	0
184	Diverging trends in obesity, diabetes, and raised blood pressure in the Americas	1	Editorial Material	4
185	Effect of a quality improvement package for intrapartum and immediate newborn care on fresh stillbirth and neonatal mortality among preterm and low-birthweight babies in Kenya and a cluster-randomised facility-based trial	1	Article	5
186	Human rights protections are needed alongside PPE for health-care workers responding to COVID-19	0	Letter	3
187	COVID-19 vaccination: returning to WHO's Health For All	0	Editorial Material	4
188	Trends and social determinants of adolescent marriage and fertility in China	1	Editorial Material	3
189	Heterogeneity in enterotoxigenic Escherichia coli and shigella infections in children under 5 years of age from 11 African countries: a subnational approach quantifying risk, mortality, morbidity, and stunting	1	Article	2
190	Effects of vehicle safety design on road traffic deaths, injuries, and public health burden in the Latin American region: a modelling study	1	Article	1
191	Net benefit and cost-effectiveness of universal iron-containing multiple micronutrient powders for young children in 78 countries: a microsimulation study	1	Article	4
192	Indigenous cultures in countries with similar colonisation histories share the challenge of intergenerational diabetes	1	Editorial Material	2
193	Global burden of cancer attributable to infections: the critical role of implementation science	1	Editorial Material	3
194	Why is polio still here? A perspective from Pakistan	1	Letter	2
195	Liberal trade policy and food insecurity across the income distribution: an observational analysis in 132 countries, 2014-17	1	Article	2
196	Addressing racial inequalities in a pandemic: data limitations and a call for critical analyses	0	Letter	4

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
197	COVID-19: an opportunity to improve infection prevention and control in LMICs	0	Letter	3
198	Improving birth and death data for African decision making	1	Letter	2
199	Prevalence of risk factors for non-communicable diseases in a rural population of Bangladesh: a cross-sectional study	1	Meeting Abstract	2
200	Measuring mortality from non-communicable diseases: broadening the band	1	Editorial Material	3
201	Decolonising COVID-19: delaying external debt repayments	0	Letter	2
202	Evaluating the impact of Georgia's hepatitis C elimination plan: lessons learned for the global initiative	1	Editorial Material	4
203	Patterns of individual non-treatment during multiple rounds of mass drug administration for control of soil-transmitted helminths in the TUMIKIA trial, Kenya: a secondary longitudinal analysis	1	Article	4
204	The where, when, and how of community-based versus clinic-based ART delivery in South Africa and Uganda	1	Editorial Material	4
205	Progress towards global elimination of lymphatic filariasis	1	Editorial Material	2
206	World RePORT: a database for mapping biomedical research funding	1	Editorial Material	3
207	Moving towards clean cooking in China	1	Editorial Material	2
208	Medical expenditures: not the only source of financial hardship	1	Letter	2
209	Advancing research ethics systems in Latin America and the Caribbean: a path for other LMICs?	1	Editorial Material	1
210	Sanctions on Syria	1	Letter	2
211	Physical activity: moving from words to action	1	Editorial Material	1
212	Performance of late pregnancy biometry for gestational age dating in low-income and middle-income countries: a prospective, multicountry, population-based cohort study from the WHO Alliance for Maternal and Newborn Health Improvement (AMANHI) Study Group	1	Article	1
213	Safety of ivermectin during pregnancy	1	Letter	3
214	Measurement matters: who and what counts on the road to universal health coverage	1	Editorial Material	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
215	Evidence for the path to cervical cancer elimination	1	Editorial Material	0
216	Evidence for visceral leishmaniasis elimination in Nepal	1	Editorial Material	2
217	Effect on mortality of increasing the cutoff blood glucose concentration for initiating hypoglycaemia treatment in severely sick children aged 1 month to 5 years in Malawi (SugarFACT): a pragmatic, randomised controlled trial	1	Article	3
218	Dialysis in Africa: the need for evidence-informed decision making	1	Editorial Material	2
219	Medical expenditures: not the only source of financial hardship reply	1	Letter	1
220	Burden of disease in francophone Africa 1990-2017: the triple penalty?	1	Editorial Material	1
221	The cost of eliminating hepatitis C in Pakistan	1	Editorial Material	1
222	Nicaragua's response to COVID-19 Reply	0	Letter	0
223	Quality of care and maternal mortality in a tertiary-level hospital in Mozambique: a retrospective study of clinicopathological discrepancies	1	Article	1
224	The first Global Pneumonia Forum: recommendations in the time of coronavirus	0	Editorial Material	2
225	Inequalities in uptake of HIV testing despite scale-up	1	Editorial Material	1
226	Delays to diagnosis and barriers to care for breast cancer in Mexico and Peru: a cross sectional study	1	Meeting Abstract	2
227	Guided self-help to reduce psychological distress: what's the potential for scaling up?	1	Editorial Material	2
228	Cost-effectiveness of post-treatment follow-up examinations and secondary prevention of tuberculosis in a high-incidence setting: a model-based analysis	1	Article	1
229	Ultrasound estimation of gestational age in late pregnancy in low-income countries: made to measure or off-the-peg?	1	Editorial Material	2
230	Leadership training to accelerate progress in public health in sub-Saharan Africa: time for action	1	Editorial Material	2
231	Saving lives through vehicle safety	1	Editorial Material	0
232	Feasibility, acceptability, and design of a mobile health application for high-risk men who have sex with men in Hanoi,	1	Meeting Abstract	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	Vietnam			
233	Learning from progress: global NCD policy implementation at national level	1	Editorial Material	1
234	Democracy and implementation of non-communicable disease policies	1	Letter	2
235	Spatiotemporal dynamics of vector-borne disease risk across human land-use gradients: examining the role of agriculture, indigenous territories, and protected areas in Costa Rica	1	Meeting Abstract	1
236	Heart failure in low-income and middle-income countries: failing REPORT card grades	1	Editorial Material	2
237	Public health and Big Alcohol	1	Letter	0
238	Physical activity promotion: can a focus on disease limit successful messaging?	1	Letter	0
239	Implementing change for facility-based peripartum care in low-income and middle-income countries	1	Editorial Material	2
240	Scaling up tuberculosis preventive therapy for contacts in high transmission settings	1	Editorial Material	2
241	Diversity and solidarity in global health	1	Editorial Material	2
242	Health system reform in China: the challenges of multimorbidity	1	Editorial Material	2
243	Use of negative pressure wound therapy on conflict-related wounds	1	Editorial Material	2
244	Water and sanitation in a post-COVID world	0	Editorial Material	2
245	Essential universal health coverage needs local capacity development	1	Editorial Material	2
246	An innovation bootcamp model to develop HIV self-testing social enterprise among young people in Nigeria: a youth participatory design approach	1	Meeting Abstract	1
247	Achieving coordinated national immunity and cholera elimination in Haiti through vaccination: a modelling study	1	Article	0
248	A need to re-focus efforts to improve long-term prognosis after stroke in China	1	Editorial Material	2
249	Measuring antibiotic use in children: piecing together the puzzle	1	Editorial Material	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
250	Cost-effectiveness of intermittent preventive treatment with dihydroartemisinin-piperaquine for malaria during pregnancy: an analysis using efficacy results from Uganda and Kenya, and pooled data	1	Article	0
251	Launching the Kofi Annan Global Health Leadership Programme	1	Editorial Material	1
252	Recognising the burden of maternal infection worldwide	1	Editorial Material	1
253	Taking the neglected out of neglected tropical diseases	1	Editorial Material	1
254	RSV lower respiratory tract infection and lung health in the first 2 years of life	1	Editorial Material	0
255	Nicaragua's response to COVID-19	0	Letter	0
256	Development of an interprofessional curriculum to improve team-based HIV care in sub-Saharan Africa: a training programme for undergraduate and early career health professionals	1	Meeting Abstract	1
257	Challenging the assumption that interpregnancy interval causes stillbirth in low-income and middle-income countries	1	Editorial Material	1
258	Survival time and its predictors in preterm infants in the post-discharge neonatal period: a prospective cohort study in Busoga Region, Uganda	1	Meeting Abstract	0
259	Sanctions on Syria	1	Letter	2
260	On the fallibility of simulation models in informing pandemic responses	0	Letter	4
261	El Nino/Southern Oscillation (ENSO) and stunting in children under 5 years in Peru: a double-difference analysis	1	Meeting Abstract	0
262	Cholera remains a public health threat in Haiti	1	Editorial Material	0
263	The time is now: reforming Nigeria's outdated mental health laws	1	Editorial Material	1
264	Optimising TRIUMPH with 6.25 mg chlorthalidone	1	Letter	0
265	A call for a systems science approach to understanding drug use in urban environments	1	Editorial Material	1
266	Enhancing routine surveillance to improve stillbirth data	1	Editorial Material	0
267	Prevalence and determinants of hypertension unawareness in Egyptian adults: a cross-sectional study of data from the	1	Meeting Abstract	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	2015 Egyptian Health Issues Study			
268	Preparing for the dengue explosion in Kathmandu, Nepal	1	Editorial Material	0
269	2020-30: the decade of anti-corruption?	1	Editorial Material	0
270	Endovascular management of acute ischaemic stroke in Nepal	1	Editorial Material	0
271	Estimating vulnerability to COVID-19 in India	0	Letter	1
272	Effectiveness and cost-effectiveness of group support psychotherapy delivered by trained lay health workers for depression treatment among people with HIV in Uganda: a cluster-randomised trial (vol 8, e387, 2020)	1	Correction	1
273	Causes of long wait time in health consultation services and strategies to reduce them: an observational study in rural Haiti	1	Meeting Abstract	0
274	Development of a discrete choice experiment to understand patient preferences for diabetes and hypertension management in rural Uganda	1	Meeting Abstract	1
275	Cost-effectiveness of postpartum haemorrhage first response bundle and non-surgical interventions for refractory postpartum haemorrhage in India: an ex-ante modelling study	1	Meeting Abstract	1
276	Defining the combined benefit of intermittent preventive malaria treatment in pregnancy	1	Editorial Material	1
277	Democracy and implementation of non-communicable disease policies	1	Letter	2
278	An assessment of perceptions of justice in Rohingya refugees to identify mental health and psychosocial services needs and inform programme development in Bangladesh: a qualitative survey	1	Meeting Abstract	1
279	Self-care practices and needs in patients with hypertension, diabetes, or both in rural Uganda: a mixed-methods study	1	Meeting Abstract	1
280	Brucellosis in patients with pyrexia of unknown origin in Assam, India: a retrospective record review	1	Meeting Abstract	1
281	Maximising the potential of HPV vaccines	1	Editorial Material	1
282	An affordable videolaryngoscope for use during the COVID-19 pandemic	0	Letter	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
283	Vaccination of contacts of Ebola virus disease survivors to prevent further transmission	1	Editorial Material	1
284	Association between alcohol use and violence-related injury in emergency department patients in Moshi, Tanzania: analysis of a prospective trauma registry	1	Meeting Abstract	1
285	Interfacility transfer: an indicator of delay in fracture care	1	Editorial Material	1
286	Uptake of tuberculosis prevention therapy in people living with HIV/AIDS in northern Nigeria: a programme to increase use of isoniazid preventive therapy	1	Meeting Abstract	1
287	The elimination of measles in Iran	1	Editorial Material	0
288	Household smoke-exposure risk from cooking fuels and cooking locations in Tanzania: a cross-sectional analysis of nationally representative survey data	1	Meeting Abstract	1
289	Cost-effectiveness of intermittent preventive treatment with dihydroartemisinin-piperaquine versus single screening and treatment for the control of malaria in pregnancy in Papua, Indonesia: a provider perspective analysis from a cluster-randomised trial	1	Article	0
290	Strategies to increase timely uptake of hepatitis B vaccine birth dose	1	Editorial Material	0
291	Major gaps in child survival by ethnic group	1	Editorial Material	1
292	Self-help or silenced voices? An ethnographically informed warning	1	Letter	1
293	Readiness of primary health-care facilities for the management of non-communicable diseases in rural Bangladesh: a mixed methods study	1	Meeting Abstract	1
294	MITS: an interim step towards improved cause of death data	1	Editorial Material	1
295	Estimating vulnerability to COVID-19 in India	0	Letter	1
296	The economics of medical drones	1	Editorial Material	0
297	Global health and data-driven policies for emergency responses to infectious disease outbreaks	0	Editorial Material	1



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
298	The SickleGenAfrica Network	1	Editorial Material	0
299	Increasing the use of effective postpartum contraception: urgent and possible	1	Editorial Material	0
300	Violations of independence: ethnicity and COVID-19 in Brazil	0	Letter	0
301	COVID-19 and maternal and perinatal outcomes	0	Letter	0
302	Knowledge use in the development of sugar-sweetened beverage tax policy in Mexico and Chile: a qualitative analysis	1	Meeting Abstract	0
303	Estimating vulnerability to COVID-19 in India	0	Letter	1
304	Azithromycin for child survival: digging without getting too dirty into the differential effect on cause-specific mortality	1	Editorial Material	0
305	NCD Risk Factor Collaboration (NCD-RisC)-Americas Working Group. Trends in cardiometabolic risk factors in the Americas between 1980 and 2014: a pooled analysis of population-based surveys (vol 8, pg e123, 2020)	1	Correction	0
306	Challenges in dementia risk prediction in low-income and middle-income countries	1	Editorial Material	0
307	The health and economic burden of smoking in 12 Latin American countries and the potential effect of increasing tobacco taxes: an economic modelling study (vol 8, pg e1282, 2020)	1	Correction	0
308	New (or not so new?) lessons from maternal autopsy in Mozambique	1	Editorial Material	0
309	Trauma Systems Therapy for Refugees (TST-R) in a multi-ethnic refugee population in Maine, USA: early findings from a programme evaluation project with children and adolescents	1	Meeting Abstract	0
310	Gender-related factors that influence uptake of HIV Services in women who inject drugs: a community based qualitative study in St Petersburg, Russia	1	Meeting Abstract	0
311	Extending strong research to high-altitude infants	1	Editorial Material	0
312	Task-shifted psychotherapy for depression in people living with HIV	1	Editorial Material	0
313	What counts as development assistance for reproductive, maternal, newborn, and child health?	1	Editorial Material	0
314	Perspectives on transitions away from donor assistance for health: a discrete choices experiment in Sri Lanka	1	Meeting Abstract	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
315	Associations between national development indicators and the age profile of people who inject drugs: results from a global systematic review and meta-analysis (vol 8, pg e76, 2020)	1	Correction	0
316	Safety and effectiveness of intravenous iron sucrose versus standard oral iron therapy in pregnant women with moderate-to-severe anaemia in India: a multicentre, open-label, phase 3, randomised, controlled trial (vol 7, e1706, 2019)	1	Correction	0
317	The role of academia in an era of political turmoil	1	Editorial Material	0
318	Evidence for the path to cervical cancer elimination (vol 141, pg 1253, 2019)	1	Correction	0
319	Long-term effects of public health insurance on the health of children in Mexico: a retrospective study (vol 7, pg e1448, 2019)	1	Correction	0
320	Optimising TRIUMPH with 6.25 mg chlorthalidone reply	1	Letter	0
321	Point-of-care HPV molecular diagnostics for a test-and-treat model in high-risk HIV populations (vol 8, pg 171, 2020)	1	Correction	0
322	Effect of Medicaid expansion status on risk of late or no prenatal care in black and white US mothers: analysis of US natality data, 2010-17	1	Meeting Abstract	0
323	Cost analysis and barriers to implementing and sustaining an international surgical resident rotation: a retrospective review	1	Meeting Abstract	0
324	Correction to: Exposure to improved nutrition from conception to age 2 years and adult cardiometabolic disease risk: misclassification of 31 individuals	1	Letter	0
325	Cholera in Haiti Reply	1	Letter	0
326	Gender norms and the wellbeing of girls and boys	1	Letter	0
327	Headway and hindrances for sexual and reproductive health and rights	1	Editorial Material	0
328	Access to water and toilet facilities as a predictor of adherence to antiretroviral treatment in women living with HIV/AIDS in Zambia: a cross-sectional study	1	Meeting Abstract	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
329	The forgotten parent: a qualitative study of indigenous Guatemalan fathers' perspectives on atypical child development	1	Meeting Abstract	0
330	Patchy progress on the ICPD: are we asking the right questions?	1	Editorial Material	0
331	The shift of obesity burden by socioeconomic status between 1998 and 2017 in Latin America and the Caribbean: a cross-sectional series study (vol 7, pg 1644, 2019)	1	Correction	0
332	Smoking tobacco, the major cause of death and disability in Cuba	1	Editorial Material	0
333	Neighbourhood disadvantage and child behaviour in Montevideo, Uruguay: a mixed methods study	1	Meeting Abstract	0
334	Development of HIV self-testing services through youth engagement: a qualitative evaluation of a health designathon in Nigeria	1	Meeting Abstract	0
335	Moving the global disability agenda forward with scarce data	1	Letter	0
336	Self-help or silenced voices? An ethnographically informed warning	1	Letter	1
337	Hospital El Salvador: broader questions remain	1	Letter	0
338	Bridging the gender equality gap in STEM to transform the pipeline in Africa: the African Research Academies for Women (ARA-W) summer research programme	1	Meeting Abstract	0
339	Assessment of term newborn care recommendations in the curricula at a baccalaureate-level nursing school and tertiary public maternity hospital in western Kenya: an analysis of secondary data from a rapid, focused, ethnographic assessment	1	Meeting Abstract	0
340	Cholera in Haiti	1	Letter	0
341	Industry-sponsored antismoking advertisements in low-income countries	1	Letter	0
342	Knowledge production in humanitarian crises: beware of the innovation trap	1	Letter	0
343	Effect of facility-based HIV self-testing on uptake of testing among outpatients in Malawi: a cluster-randomised trial (vol 8, pg 276, 2020)	1	Correction	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
344	No antimicrobial resistance research agenda without tuberculosis	1	Editorial Material	0
345	Global access to quality-assured medical products: the Oxford Statement and call to action (vol 6, pg e1609, 2019)	1	Correction	0
346	A partnership to develop disaster simulations for nursing students in response to climate change: description of a programme in Bluefields, Nicaragua, and Virginia, USA	1	Meeting Abstract	0
347	Challenges in quantifying the clear effect of malnutrition on diarrhoeal deaths	1	Editorial Material	0
348	Routine childhood immunisation during the COVID-19 pandemic in Africa: a benefit-risk analysis of health benefits versus excess risk of SARS-CoV-2 infection (vol 8, pg e1264, 2020)	0	Correction	0
349	A vulnerability index for the management of and response to the COVID- 19 epidemic in India: an ecological study (vol 8, pg e1142, 2020)	0	Correction	0
350	Evaluation of a low-cost undergraduate digital medical curriculum platform in Rwanda: a mixed methods study	1	Meeting Abstract	0
351	Implementation of an e-learning model to build capacity of providers within a cervical cancer prevention programme in Africa: a successful experience in Cameroon	1	Meeting Abstract	0
352	The global health community needs innovation and reform	1	Editorial Material	0
353	Travel time to health-care facilities and HIV elimination in Malawi	1	Editorial Material	0
354	Correction to: Post-discharge prognosis of patients admitted to hospital for heart failure by world region, and national level of income and income disparity (REPORT-HF): a cohort study	1	Letter	0
355	Care and community reintegration of homeless people living with severe mental disorders: a community-based mental health programme in Maryland County, Liberia	1	Meeting Abstract	0
356	Barriers to, and recommendations for, the provision of care and support to children living as AIDS orphans in township communities in South Africa: a cluster analysis	1	Meeting Abstract	0
357	The role of modelling to inform context-specific anaemia programming	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
358	Retraction-Chinese medical staff request international medical assistance in fighting against COVID-19	0	Editorial Material	0
359	Trends in sexual activity and demand for and use of modern contraceptive methods in 74 countries: a retrospective analysis of nationally representative surveys (vol 8, pg e567, 2020)	1	Correction	0
360	Winners and losers in the global trade in food	1	Editorial Material	0
361	Improving surgical quality in Colombia through indicators	1	Editorial Material	0
362	Reaching the first 90 in the Democratic Republic of the Congo: a programme to optimise HIV case finding through intensified index testing	1	Meeting Abstract	0
363	Advancing research ethics systems in Latin America and the Caribbean: a path for other LMICs? (vol 8, pg e23, 2020)	1	Correction	0
364	Transparency assessment of COVID-19 models (vol 8, pg 1459, 2020)	0	Correction	0
365	Assessing the diagnostic value of Xpert HPV Reply	1	Letter	0
366	Post-discharge prognosis of patients admitted to hospital for heart failure by world region, and national level of income and income disparity (REPORT-HF): a cohort study (vol 8, pg e411, 2020)	1	Correction	0
367	Towards a digitally-enabled, community-based responsive health system in Tanzania: a formative study for the Afya-Tek digitised health initiative	1	Meeting Abstract	0
368	Corporate profits versus spending on non-communicable disease prevention: an unhealthy balance (vol 7, pg e1482, 2019)	1	Correction	0
369	Affordability of the EAT-Lancet reference diet: a global analysis (vol 8, pg 59, 2020)	1	Correction	0
370	Geospatial analysis: a new frontier in humanitarian health research?	1	Editorial Material	0
371	Delays in hospital admissions for patients with fractures	1	Letter	0
372	Delays in hospital admissions for patients with fractures	1	Letter	0
373	Bridging research to policy for the prevention and control of parasitic neglected tropical diseases in the Philippines: the	1	Meeting Abstract	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	War on Worms campaign			
374	Ensuring gender and social equity in health: an analysis of Nigeria's Social Health Insurance Scheme and Basic Health Care Provision Fund	1	Meeting Abstract	0
375	Gender and zoonotic pathogen risk in a resource-limited community at the livestock-wildlife interface, Mpumalanga, South Africa: a qualitative analysis	1	Meeting Abstract	0
376	Elements of trust in peer review (and our annual thanks)	1	Editorial Material	0
377	Epidemiology of carotid atherosclerosis in Africa: a blind spot	1	Letter	0
378	Assessing the diagnostic value of Xpert HPV	1	Letter	0
379	A multidimensional model of mentorship for emerging health research leaders: a longitudinal qualitative multiple case study	1	Meeting Abstract	0
380	Beyond GDP as a measure of welfare: introducing the health-adjusted income metric	1	Meeting Abstract	0
381	Feasibility of controlling COVID-19	0	Letter	0
382	Estimating vulnerability to COVID-19 in India	0	Letter	1
383	Back to school for malaria prevention: a new tool in the era of malaria elimination?	1	Editorial Material	0
384	Early policy actions and emergency response to the COVID-19 pandemic in Mongolia: experiences and challenges (vol 8, pg e1234, 2020)	0	Correction	0
385	Feasibility of controlling COVID-19	0	Letter	0
386	Global access to quality-assured medical products: the Oxford Statement and call to action (vol 7, pg e1609, 2019)	1	Correction	0
387	No man left behind	1	Editorial Material	0
388	Regular opium use and subsequent incidence of cancer	1	Editorial Material	0
389	Palestinian and Israeli health professionals, let us work together!	1	Letter	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
390	The light of hope: focusing on shigella and ETEC infections	1	Editorial Material	0
391	Pushing the boundaries of data to ensure gender equality across the life span	1	Editorial Material	0
392	Cholera in Haiti	1	Letter	0
393	A historic achievement in a year of turmoil	1	Editorial Material	0
394	COVID-19 and maternal and perinatal outcomes	0	Letter	0
395	Cardiovascular health research, training, and capacity building for the eradication of rheumatic fever and rheumatic heart disease in our lifetime: the inaugural Bongani Mayosi Memorial Lecture	1	Article	0
396	No time for complacency on the road to gender equality	1	Editorial Material	0
397	Entitled to a healthy, thriving future	1	Editorial Material	0
398	Addressing racial inequalities in a pandemic: data limitations and a call for critical analyses (Sep, 10.1016/52214-109X(20)30360-0, 2020)	1	Correction	0
399	COVID-19 and risks to the supply and quality of tests, drugs, and vaccines (vol 8, pg e754, 2020)	0	Correction	0
400	Understanding community health needs and forging an academic global health partnership in Puebla, Mexico: a mixed methods study	1	Meeting Abstract	0
401	Exposure to improved nutrition from conception to age 2 years and adult cardiometabolic disease risk: a modelling study (vol 6, pg e875, 2018)	1	Correction	0
402	Strengthening quality of care for children who are HEU	1	Editorial Material	0
403	New ways to measure the effects of armed conflict in civilian population (vol 7, pg e1585, 2019)	1	Correction	0

**Data source:** Web of Science

**Table S18 List of articles published in *Lancet Planetary Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Climate change and COVID-19: reinforcing Indigenous food systems (vol 4, pg e381, 2020)	0	Correction	0
2	Australia burning	1	Editorial Material	4
3	Walking forwards, looking backwards	1	Editorial Material	0
4	Climate change and COVID-19: reinforcing Indigenous food systems	0	Editorial Material	11
5	Heat-related mortality: an urgent need to recognise and record	1	Letter	2
6	Interaction between residential greenness and air pollution mortality: analysis of the Chinese Longitudinal Healthy Longevity Survey	1	Article	21
7	The IMO 2020 sulphur cap: a step forward for planetary health?	1	Editorial Material	5
8	Long-term effects of PM2.5 on neurological disorders in the American Medicare population: a longitudinal cohort study	1	Article	23
9	Air pollution reduction and mortality benefit during the COVID-19 outbreak in China	0	Editorial Material	136
10	Planetary health research digest	1	Editorial Material	0
11	Metal mining and birth defects: a case-control study in Lubumbashi, Democratic Republic of the Congo	1	Article	10
12	Public handwashing for basic hygiene in people experiencing homelessness	1	Letter	0
13	COVID-19 and the future of food systems at the UNFCCC	0	Editorial Material	5
14	Reduction in air pollution and attributable mortality due to COVID-19 lockdown	0	Letter	7
15	Ecological grief and anxiety: the start of a healthy response to climate change? Comment	1	Editorial Material	16
16	Association of ambient PM2.5 exposure with maternal bone strength in pregnant women from Mexico City: a longitudinal cohort study	1	Article	1
17	Overselling wildlife trade bans will not bolster conservation or pandemic preparedness	0	Editorial Material	83



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
18	A roadmap for intergenerational leadership in planetary health (vol 4, pg e306, 2020)	1	Correction	0
19	Quantifying national responsibility for climate breakdown: an equality-based attribution approach for carbon dioxide emissions in excess of the planetary boundary	1	Article	26
20	Prevalence and distribution of schistosomiasis in human, livestock, and snail populations in northern Senegal: a One Health epidemiological study of a multi-host system	1	Article	14
21	Human dietary exposure to chemicals in sub-Saharan Africa: safety assessment through a total diet study	1	Article	3
22	People-centred surveillance: a narrative review of community-based surveillance among crisis-affected populations	1	Review	3
23	Human mobility, climate change, and health: unpacking the connections	1	Editorial Material	9
24	Health impact assessment of Philadelphia's 2025 tree canopy cover goals	1	Article	17
25	Climate change and gender-based health disparities	1	Editorial Material	5
26	A super-year for the environment	1	Editorial Material	0
27	Sustainable health equity: achieving a net-zero UK	1	Editorial Material	2
28	Socioeconomic inequality in vulnerability to all-cause and cause-specific hospitalisation associated with temperature variability: a time-series study in 1814 Brazilian cities	1	Article	5
29	Effect of restricted retail merchandising of discretionary food and beverages on population diet: a pragmatic randomised controlled trial	1	Article	5
30	Linking health justice, social justice, and climate justice	1	Editorial Material	6
31	A tale of two emergencies	0	Editorial Material	0
32	Selection of pesticides to reduce human and environmental health risks: a global guideline and minimum pesticides list	1	Article	26
33	Support Indigenous food system biocultural diversity	1	Letter	1
34	Associations of outdoor fine particulate air pollution and cardiovascular disease in 157 436 individuals from 21	1	Article	25

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	high-income, middle-income, and low-income countries (PURE): a prospective cohort study			
35	COVID-19 reveals vulnerability of small-scale fisheries to global market systems	0	Letter	18
36	The Helsinki Declaration 2020: Europe that protects	1	Editorial Material	2
37	Targeted change making for a healthy recovery	1	Editorial Material	0
38	Fluorosis: an ongoing challenge for India	1	Editorial Material	4
39	Inequalities in life expectancy in six large Latin American cities from the SALURBAL study: an ecological analysis (vol 3, pg e503, 2019)	1	Correction	0
40	Climate anxiety in young people: a call to action	1	Editorial Material	15
41	Forward planning for disaster-related mass gatherings amid COVID-19	0	Editorial Material	7
42	Water, climate change, and COVID-19: prioritising those in water-stressed settings	0	Letter	3
43	What can the world learn from New Zealand on climate?	1	Editorial Material	0
44	Post-COVID-19 spending	0	Editorial Material	1
45	Planetary health research digest	1	News Item	0
46	Superimposed threats to population health from tropical cyclones in the prevaccine era of COVID-19	0	Editorial Material	6
47	Vesper Flights	1	Book Review	0
48	Decline and denial	1	Editorial Material	0
49	Combining the effects of increased atmospheric carbon dioxide on protein, iron, and zinc availability and projected climate change on global diets: a modelling study (vol 3, pg e307, 2019)	1	Correction	0
50	Inspiring climate action without inducing climate despair Comment	1	Editorial Material	2
51	Public reporting of hydraulic fracturing chemicals in the USA, 2011-18: a before and after comparison of reporting formats	1	Article	5

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
52	India's air pollution: the need for city-centric plans and regulations	1	Letter	0
53	Unmet needs and behaviour during the Ebola response in Sierra Leone: a retrospective, mixed-methods analysis of community feedback from the Social Mobilization Action Consortium	1	Article	5
54	Seasonality reversal of temperature attributable mortality projections due to previously unobserved extreme heat in Europe	1	Editorial Material	0
55	Mental health and climate change: tackling invisible injustice	1	Editorial Material	5
56	Cognition, heuristics, and biases behind environment-related behaviours (vol 2, pg e11, 2018)	1	Correction	0
57	Africa's invasive species problem	1	Editorial Material	0
58	Strands of injustice	1	Editorial Material	0
59	Climate change: challenges and opportunities to scale up surgical, obstetric, and anaesthesia care globally	1	Review	5
60	Feedbacks from human health to household reliance on natural resources during the COVID-19 pandemic	0	Editorial Material	2
61	Responding to COVID-19 requires strong epidemiological evidence of environmental and societal determining factors	0	Editorial Material	6
62	A roadmap for intergenerational leadership in planetary health	1	Editorial Material	3
63	Mercury exposure and premature mortality in the Grassy Narrows First Nation community: a retrospective longitudinal study	1	Article	4
64	Adaptive anxiety	1	Editorial Material	1
65	Preparing mental health systems for climate crisis	1	Editorial Material	2
66	Household and personal air pollution exposure measurements from 120 communities in eight countries: results from the PURE-AIR study	1	Article	18
67	Origins of MERS-CoV, and lessons for 2019-nCoV	0	Letter	4
68	Environmental data justice	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
69	A call for global monitoring of WASH in wet markets	0	Editorial Material	5
70	Time-weighted average of fine particulate matter exposure and cause-specific mortality in China: a nationwide analysis	1	Article	12
71	Defining diet quality: a synthesis of dietary quality metrics and their validity for the double burden of malnutrition	1	Review	32
72	Exposure to waste sites and their impact on health: a panel and geospatial analysis of nationally representative data from South Africa, 2008-2015	1	Article	5
73	Implementation of national policies for a total asbestos ban: a global comparison (vol 3, pg e341, 2019)	1	Correction	0
74	COVID-19 and heatwaves: a double whammy for Indian cities	0	Editorial Material	3
75	Reduction in air pollution and attributable mortality due to COVID-19 lockdown	0	Letter	7
76	Effective transmission across the globe: the role of climate in COVID-19 mitigation strategies	0	Letter	35
77	Associations between commute mode and cardiovascular disease, cancer, and all-cause mortality, and cancer incidence, using linked Census data over 25 years in England and Wales: a cohort study	1	Article	11
78	Arboviral diseases: the emergence of a major yet ignored public health threat in Africa	1	Letter	5
79	Turning point?	1	Editorial Material	0
80	Risk of cognitive impairment in children after maternal exposure to the 1998 Yangtze River flood during pregnancy: analysis of data from China's second National Sample Survey on Disability	1	Article	2
81	Projections of excess mortality related to diurnal temperature range under climate change scenarios: a multi-country modelling study	1	Article	8
82	Weighing the risks	1	Editorial Material	0
83	Successive epidemic waves of cholera in South Sudan between 2014 and 2017: a descriptive epidemiological study	1	Article	0
84	COVID-19 and clean air: an opportunity for radical change	0	Editorial Material	6
85	The burden of disease in Saudi Arabia 1990-2017: results from the Global Burden of Disease Study 2017	1	Article	20

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
86	10 years to green the NHS and the health sector	1	Editorial Material	1
87	Improving nutrition and immunity with dry chain and integrated pest management food technologies in LMICs Comment	1	Editorial Material	0
88	Mercury exposure and premature mortality in the Grassy Narrows First Nation community: a retrospective longitudinal study (vol 4, pg e141, 2020)	1	Correction	0
89	Transnational corporations, obesity and planetary health Comment	1	Editorial Material	4
90	Shared sanitation and the spread of COVID-19: risks and next steps	0	Letter	17
91	A choice between two futures for pandemic recovery	0	Editorial Material	0
92	The neglected environmental impacts of ultra-processed foods	1	Editorial Material	16
93	Faecal contamination of the environment and child health: a systematic review and individual participant data meta-analysis	1	Review	3
94	Conservation epidemiology of predators and scavengers reduce zoonotic risk	1	Editorial Material	2
95	The environmental footprint of health care: a global assessment	1	Article	31
96	Mercury exposure and premature mortality in the Grassy Narrows First Nation community: a retrospective longitudinal study (vol 4, e141, 2020)	1	Correction	0
97	Exposure to air pollution during childhood and risk of developing schizophrenia: a national cohort study	1	Article	11
98	Recruiting health professionals as sustainability advocates	1	Editorial Material	3
99	Human faeces-associated extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> discharge into sanitation systems in 2015 and 2030: a global and regional analysis	1	Article	4
100	COVID-19, wet markets, and planetary health	0	Editorial Material	12
101	Decarbonising economies is like denuclearising weaponry-essential for survival	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
102	Planetary Health Research Digest	1	News Item	0
103	Carbon-neutral medical conferences should be the norm	1	Editorial Material	8
104	The Paris agreement: charting a low-emissions path for a child born today	1	Editorial Material	1
105	Picking winners	1	Editorial Material	0
106	Floods in China, COVID-19, and climate change	0	Editorial Material	9
107	Post-pandemic recovery: use of scientific advice to achieve social equity, planetary health, and economic benefits	0	Editorial Material	3
108	Mapping the co-benefits of climate change action to issues of public concern in the UK: a narrative review	1	Review	9
109	Green space, health, and wellbeing: considerations for South Asia	1	Editorial Material	5
110	Reimagining mental health systems post COVID-19	0	Editorial Material	0
111	Addressing the carbon footprint, healthfulness, and costs of self-selected diets in the USA: a population-based cross-sectional study	1	Article	11
112	Scientists call for renewed Paris pledges to transform agriculture	1	Letter	4
113	A global analysis of urban design types and road transport injury: an image processing study	1	Article	5
114	Climate change worsens global inequity in maternal nutrition	1	Editorial Material	2
115	COVID-19 as a global challenge: towards an inclusive and sustainable future	0	Editorial Material	41
116	The injustice of COVID-19: we need a moral constitution for our planet's health Comment	0	Editorial Material	3
117	A planetary health perspective on COVID-19: a call for papers	0	Editorial Material	6
118	Planetary health research digest	1	News Item	0
119	A prescription for Big Oil	1	Editorial Material	0
120	Unveiling the environmental benefits of reducing sugar	1	Editorial Material	2
121	Road user charging: a policy whose time has finally arrived	1	Editorial Material	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
122	Distribution of <i>Haemaphysalis longicornis</i> and associated pathogens: analysis of pooled data from a China field survey and global published data	1	Article	14
123	Food security in uncertain times	1	Editorial Material	0
124	What can COVID-19 teach us about responding to climate change?	0	Letter	8
125	2019-nCoV in context: lessons learned?	0	Editorial Material	9
126	Short-term exposure to ambient fine particulate matter and out-of-hospital cardiac arrest: a nationwide case-crossover study in Japan	1	Article	12
127	Planting sustainable seeds in young minds: the need to teach planetary health to children	1	Editorial Material	5
128	Moving the Overton window	1	Editorial Material	0
129	Short-term and long-term health impacts of air pollution reductions from COVID-19 lockdowns in China and Europe: a modelling study	0	Article	72
130	In sight but out of mind	1	Editorial Material	0
131	The potential for atmospheric water harvesting to accelerate household access to safe water	1	Editorial Material	5
132	Environmental temperature and growth faltering in African children: a cross-sectional study	1	Article	6
133	Associations between historical residential redlining and current age-adjusted rates of emergency department visits due to asthma across eight cities in California: an ecological study	1	Article	33
134	Bushfires in Australia: a serious health emergency under climate change	1	Editorial Material	28
135	Amplifying the voice of youth through planetary health films	1	Editorial Material	0
136	Will the COVID-19 crisis trigger a One Health coming-of-age?	0	Editorial Material	9
137	Climate change could shift disease burden from malaria to arboviruses in Africa	1	Article	21
138	The effect of air pollution on deaths, disease burden, and life expectancy across China and its provinces, 1990-2017: an	1	Article	48

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	analysis for the Global Burden of Disease Study 2017			
139	Nested ecology and emergence in pandemics	0	Editorial Material	0
140	Nuclear war, climate change, and medical activism	1	Editorial Material	0
141	The future of environmental sustainability labelling on food products	1	Editorial Material	6
142	Food system emissions	1	Editorial Material	0
143	Neoliberal economics, planetary health, and the COVID-19 pandemic: a Marxist ecofeminist analysis	0	Article	6
144	Effects of agrochemical pollution on schistosomiasis transmission: a systematic review and modelling analysis	1	Review	6
145	Planetary health: young academics ask universities to act Comment	1	Editorial Material	3
146	Bushfires in Australia: a serious health emergency under climate change (vol 4, pg e7, 2020)	1	Correction	0
147	Training Canadian doctors for the health challenges of climate change	1	Editorial Material	6

**Data source:** Web of Science



**Table S19 List of articles published in *Pathogens and Global Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Epidemiology, resistance characteristics, virulence determinants, and treatment outcomes of <i>Staphylococcus aureus</i> bone and joint infections: a one-year prospective study at a tertiary care hospital in India	1	Article	0
2	Methicillin-resistant <i>Staphylococcus aureus</i> : epidemiology and antimicrobial susceptibility experiences from the University Hospital 'Luigi Vanvitelli' of Naples	1	Article	4
3	Overlapping of locust swarms with COVID-19 pandemic: a cascading disaster for Africa	0	Editorial Material	4
4	Chikungunya fever in Africa: a systematic review	1	Review	6
5	Molecular detection and genotypic characterisation of <i>Streptococcus pneumoniae</i> isolated from children in Malaysia	1	Article	3
6	Acute histoplasmosis in travelers: a retrospective study in an Italian referral center for tropical diseases	1	Article	1
7	Human immune response to <i>Phlebotomus sergentis</i> salivary gland antigens in a leishmaniasis-endemic focus in Iran	1	Article	0
8	Expression levels of candidate circulating microRNAs in pediatric tuberculosis	1	Article	2
9	Critical appraisal of a mHealth-assisted community-based cardiovascular disease risk screening program in rural Kenya: an operational research study	1	Article	2
10	A holistic approach is needed to control the perpetual burden of soil-transmitted helminth infections among indigenous schoolchildren in Malaysia	1	Article	0
11	Immunodominant regions prediction of nucleocapsid protein for SARS-CoV-2 early diagnosis: a bioinformatics and immunoinformatics study	0	Article	5
12	<i>Toxoplasma gondii</i> infection and risk of attention-deficit hyperactivity disorder: a systematic review and meta-analysis	1	Review	2
13	Public health concerns over gene-drive mosquitoes: will future use of gene-drive snails for schistosomiasis control gain increased level of community acceptance?	1	Article	1
14	Cellular mechanisms regulating synthetic sex ratio distortion in the <i>Anopheles gambiae</i> germline	1	Article	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
15	Viricidal treatments for prevention of coronavirus infection	1	Review	9
16	Forecasting tuberculosis using diabetes-related google trends data	1	Article	2
17	COVID-19 and civil war in Libya: the current situation	0	Article	8
18	Identification of bloodmeal sources of triatomines captured in the Paraguayan Chaco region of South America by means of molecular biology analysis	1	Article	7
19	Mortality from COVID-19: are we getting closer to the true value?	0	Editorial Material	3
20	Can lactoferrin boost human immunity against COVID-19?	0	Article	5
21	Spa gene-based molecular typing of nasal methicillin-susceptible staphylococcus aureus from patients and health-care workers in a dialysis center in southeast Iran	1	Article	0
22	Reduction of West Nile virus infections in Italy during 2020 early summer: a secondary 'COVID-19' effect?	0	Editorial Material	3
23	COVID-19 challenge: proactive management of a Tertiary University Hospital in Veneto Region, Italy	0	Article	1
24	A novel Ehrlichia strain (Rickettsiales: Anaplasmataceae) detected in Amblyomma triste (Acari: Ixodidae), a tick species of public health importance in the Southern Cone of America	1	Article	6
25	Is time our ultimate ally in defying the pandemic?	0	Article	1
26	Current progress of immunoinformatics approach harnessed for cellular- and antibody-dependent vaccine design (vol 17, pg 234, 2018)	1	Correction	0
27	Methicillin Resistant Staphylococcus aureus and public fomites: a review	1	Review	9
28	Detailed epidemiological analysis as a strategy for evaluating the actual behavior of tuberculosis in an apparently low-incidence region	1	Article	0
29	Antigenic membrane proteins of virulent variant of Entamoeba histolytica HM-1:IMSS	1	Article	1
30	Identification of suspected paragonimiasis-endemic foci using a questionnaire and detection of Paragonimus ova using	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
	the Ziehl-Neelsen technique in Zamboanga Region, the Philippines			
31	Kidney biomarkers in tropical infections: an update	1	Article	0
32	Ebola crisis in Eastern Democratic Republic of Congo: student-led community engagement	1	Article	1
33	Intensity of pyrethroid resistance in <i>Anopheles culicifacies</i> s.l. (Diptera: Culicidae) in Odisha State, India	1	Article	5
34	The global spread of 2019-nCoV: a molecular evolutionary analysis	0	Article	39
35	Nontuberculous mycobacterial infections in a Brazilian pediatric population: a seven-year survey	1	Article	2
36	Research inequities: avoiding the next pandemic	1	Editorial Material	0
37	Understanding the role that 'COVID toe' has in recognizing the potential extent of COVID-19 infections: a case study	0	Article	0
38	Impact of COVID-19 public health interventions on influenza incidence in Thailand	0	Editorial Material	11
39	Hospital epidemiology and antimicrobial susceptibility of isolated methicillin-resistant <i>Staphylococcus aureus</i> : a one-year retrospective study at a tertiary care center in Thailand	1	Article	1
40	Recommendation of fecal specimen for routine molecular detection of SARS-CoV-2 and for COVID-19 discharge criteria	0	Editorial Material	3
41	<i>Cryptosporidium</i> infection among people living with HIV/AIDS in Ethiopia: a systematic review and meta-analysis	1	Review	3
42	Design a multi-epitope subunit vaccine for immune-protection against <i>Leishmania</i> parasite	1	Article	4
43	Knowledge of human monkeypox viral infection among general practitioners: a cross-sectional study in Indonesia	1	Article	0
44	Fish-borne trematode infections in wild fishes in Bangladesh	1	Article	2
45	Validation of dried blood spots in monitoring toxoplasmosis	1	Article	1
46	Doses of primaquine administered to children with <i>Plasmodium vivax</i> according to an age-based dose regimen	1	Article	4
47	Sleeping space matters: LLINs usage in Ghana	1	Article	0
48	The expanding <i>Anopheles gambiae</i> species complex	1	Editorial Material	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
49	Late incidence of SARS-CoV-2 infection in a highly-endemic remote rural village. A prospective population-based cohort study	0	Article	10
50	Decreased in-hospital mortality in patients with COVID-19 pneumonia	0	Editorial Material	13
51	A call to research: the relationship between SARS-2-CoV, ACE 2 and antihypertensives COMMENT	0	Editorial Material	1
52	Epidemiological dynamics and associated risk factors of <i>S. haematobium</i> in humans and its snail vectors in Nigeria: a meta-analysis (1983-2018)	1	Article	3
53	A review of mechanistic models of viral dynamics in bat reservoirs for zoonotic disease	1	Review	4
54	Genotyping and molecular characterization of clinical <i>Acinetobacter baumannii</i> isolates from a single hospital in Southwestern Iran	1	Article	2
55	Potential of the natural products against leishmaniasis in Old World-a review of in-vitro studies	1	Review	6
56	Epidemiology of tungiasis in sub-saharan Africa: a systematic review and meta-analysis	1	Review	0
57	Prevalence of fluoroquinolone-resistant <i>Salmonella</i> serotypes in Iran: a meta-analysis	1	Article	1
58	Is glucose-6-phosphate dehydrogenase enzyme deficiency a factor in Coronavirus-19 (COVID-19) infections and deaths?	0	Editorial Material	11
59	The impact of climate change on mosquito-borne diseases in Africa	1	Article	4
60	Dealing with a pandemic: the Kerala Model of containment strategy for COVID-19	0	Editorial Material	3
61	Prevalence Pattern of Chikungunya Virus Infection in Nigeria: A Four Decade Systematic Review and Meta-analysis	1	Review	1
62	Severe vivax malaria: a prospective exploration at a tertiary healthcare centre in Southwestern India (vol 111, pg 148, 2017)	1	Correction	0
63	Concerns and public health challenges for arboviral and other respiratory infections amidst SARS-CoV-2 pandemic	0	Editorial Material	1
64	Centralized air-conditioning and transmission of novel coronavirus	0	Editorial Material	4

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
65	Curcuma longa ethanol extract and Curcumin inhibit the growth of Acanthamoeba triangularis trophozoites and cysts isolated from water reservoirs at Walailak University, Thailand	1	Article	4
66	Elevated levels of IL-8 in fatal leptospirosis	1	Article	0
67	Malaria education interventions addressing bed net care and repair practices: a systematic review	1	Review	2

**Data source:** Web of Science

**Table S20 List of articles published in *Tropical Medicine & International Health* in 2020**

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
1	Chronic lung disease in children and adolescents with HIV: a case-control study	1	Article	3
2	Can combined online and face-to-face continuing medical education improve the clinical knowledge and skills of family doctors in Vietnam? A cluster randomised controlled trial	1	Article	1
3	Aquaporin-2 and NKCC2 expression pattern in patients with hepatosplenic schistosomiasis	1	Article	1
4	The extent of chloroquine underdosing in adult patients with malaria by <i>Plasmodium vivax</i> from an endemic area of the Brazilian Amazon basin	1	Article	0
5	Systematic review of interventions for reducing stigma experienced by children with disabilities and their families in low- and middle-income countries: state of the evidence	1	Review	6
6	Commercially approved vaccines for canine leishmaniosis: a review of available data on their safety and efficacy	1	Review	14
7	Stability of extemporaneous sulfadiazine oral suspensions from commercially available tablets for treatment of congenital toxoplasmosis	1	Article	1
8	Frequency and management of non-obstetric fistula in the Democratic Republic of Congo: experience from the Fistula Care Plus project	1	Article	1
9	Critical evaluation of the appetite test for children with severe acute malnutrition	1	Article	2
10	Factors associated with purchasing pesticide from shops for intentional self-poisoning in Sri Lanka	1	Article	0
11	Maternal mortality due to cardiac disease in low- and middle-income countries	1	Article	4
12	Spatial distribution and characteristics of HIV clusters in Ethiopia	1	Article	1
13	Exposure of consumers to substandard antibiotics from selected authorised and unauthorised medicine sales outlets in Ghana	1	Article	1
14	Patterns, quality and appropriateness of surgical referrals in Malawi	1	Article	3

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
15	Direct and indirect patient costs of tuberculosis care in India	1	Review	5
16	Human skin fibrosis: up-regulation of collagen type III gene transcription in the fibrotic skin nodules of lower limb lymphoedema	1	Article	4
17	Old age is associated with decreased wealth in rural villages in Mtwara, Tanzania: findings from a cross-sectional survey	1	Article	0
18	Challenges in the last mile of the global guinea worm eradication program	1	Review	1
19	Neglected tropical diseases in Brazil: lack of correlation between disease burden, research funding and output	1	Article	3
20	Prevalence of rheumatic heart disease in North-Central Nigeria: a school-based cross-sectional pilot study	1	Article	1
21	The roles of social economic status and undernutrition in regional disparities of the under-five mortality rate in Vietnam	1	Article	0
22	Using ex-ante economic evaluation to inform research priorities in pesticide self-poisoning prevention: the case of a shop-based gatekeeper training programme in rural Sri Lanka	1	Article	1
23	Willingness to use HIV self-test kits and willingness to pay among urban antenatal clients in Cote d'Ivoire and Tanzania: a cross-sectional study	1	Article	2
24	Regional variations of childhood immunisations in Senegal: a multilevel analysis	1	Article	0
25	Substantial reduction in child stunting is differentially associated to geographical and socioeconomic disparities in Misiones Province, Argentina	1	Article	0
26	TB diagnostic cascade among patients registered under the Revised National TB Control Programme in Chennai, South India	1	Article	0
27	Botanical monoterpenes synergise the toxicity of azamethiphos in the vector of Chagas disease, <i>Triatoma infestans</i> (Hemiptera: Reduviidae)	1	Article	0
28	Is World Malaria Day an effective awareness campaign? An evaluation of public interest in malaria during World Malaria Day	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
29	Retinopathy in adults with hypertension and diabetes mellitus in Western Tanzania: a cross-sectional study	1	Article	0
30	Spatial inequalities in skilled attendance at birth in Ghana: a multilevel analysis integrating health facility databases with household survey data	1	Article	2
31	Effectiveness of vaginal microbicides in preventing HIV transmission	1	Review	6
32	'Know-Can' gap: gap between knowledge and skills related to childhood diarrhoea and pneumonia among frontline workers in rural Uttar Pradesh, India	1	Article	0
33	Outcomes of patients on second- and third-line ART enrolled in ART adherence clubs in Maputo, Mozambique	1	Article	2
34	Health interventions among mobile pastoralists: a systematic review to guide health service design	1	Review	0
35	Association between HIV stigma and antiretroviral therapy adherence among adults living with HIV: baseline findings from the HPTN 071 (PopART) trial in Zambia and South Africa	1	Article	1
36	Environmental and anthropogenic factors associated with increased malaria incidence in South-Kivu Province, Democratic Republic of the Congo	1	Article	0
37	Elevated body mass index during pregnancy and gestational weight gain in HIV-infected and HIV-uninfected women in Cape Town, South Africa: association with adverse birth outcomes	1	Article	3
38	Burden of schistosomiasis-related mortality in Brazil: epidemiological patterns and spatial-temporal distribution, 2003-2018	1	Article	2
39	The prevalence, diagnosis and surgical risk factors of spinal tuberculosis in children	1	Article	0
40	Impact of diagnostic methods on efficacy estimation - a proof-of-principle based on historical examples	1	Article	4
41	Patient-incurred cost of inpatient treatment for Tuberculosis in rural Malawi	1	Article	1
42	What happens at adolescent and young adult HIV clinics? A national survey of models of care, transition and disclosure practices in Kenya	1	Article	1



No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
43	Impact of integrated mental health care on food insecurity of households of people with severe mental illness in a rural African district: a community-based, controlled before-after study	1	Article	1
44	Nutritional, clinical and immunological status of children at HIV diagnosis in the continental region of Equatorial Guinea	1	Article	0
45	Suppurative otitis media in Angola: clinical and demographic features	1	Article	0
46	Impact of sickle cell disease on presentation and progression of paediatric HIV: a retrospective cohort study	1	Article	0
47	Variation in competent and respectful delivery care in Kenya and Malawi: a retrospective analysis of national facility surveys	1	Article	4
48	Process evaluation for the delivery of a water, sanitation and hygiene mobile health program: findings from the randomised controlled trial of the CHoBI7 mobile health program	1	Article	2
49	Use of pre-ART laboratory screening to identify renal, hepatic and haematological abnormalities in Cote d'Ivoire	1	Article	0
50	Spatio-temporal dynamics of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> oviposition in an urban area of northeastern Brazil	1	Article	0
51	Clinical and laboratory predictors of 30-day mortality in severe acute malnourished children with severe pneumonia	1	Article	3
52	Inflammation during <i>Schistosoma haematobium</i> infection and anti-allergy in pre-school-aged children living in a rural endemic area in Zimbabwe	1	Article	1
53	4-month moxifloxacin containing regimens in the treatment of patients with sputum-positive pulmonary tuberculosis in South India - a randomised clinical trial	1	Article	5
54	Mobile pastoralists in Africa: a blind spot in global health surveillance	1	Editorial Material	0
55	The process of implementing child mortality reviews in low- and middle-income countries: a narrative systematic review	1	Review	0
56	Diarrhoeal children with concurrent severe wasting and stunting compared to severe wasting or severe stunting	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
57	High fever after sublingual administration of misoprostol for treatment of post-partum haemorrhage: a hospital-based, prospective observational study in Argentina	1	Article	1
58	Association of TP53 rs1042522 with cervical cancer in the sub-Saharan African population: a meta-analysis	1	Review	3
59	Health workers' views on audit in maternal and newborn healthcare in LMICs: a qualitative evidence synthesis	1	Review	1
60	Tuberculosis treatment outcomes and associated factors in two states in Nigeria	1	Article	0
61	Effect of a free healthcare policy on health services utilisation for non-malarial febrile illness by children under five years in Burkina Faso: an interrupted time series analysis	1	Article	0
62	Diarrhoeal disease knowledge among diarrhoea patient households: findings from the randomised controlled trial of the Cholera-Hospital-Based-Intervention-for-7-days (CHoBI7) mobile health program	1	Article	1
63	Tuberculosis disease and infection among household contacts of bacteriologically confirmed and non-confirmed tuberculosis patients	1	Article	1
64	Micro-elimination of hepatitis C through testing of Egyptian pregnant women presenting at delivery: implications for screening policies	1	Article	2
65	Socioeconomic associations of poorly controlled epilepsy in the Republic of Guinea: cross-sectional study	1	Article	1
66	Tropical pyomyositis: an update	1	Review	3
67	Changing trends in measles vaccination status between 2004 and 2014 among children aged 12-23 months in Bangladesh	1	Article	1
68	Availability, price and affordability of essential medicines for managing cardiovascular diseases and diabetes: a statewide survey in Kerala, India	1	Article	1
69	Examining the distribution of benefits of a free Maternal and Child Health programme in Enugu State, Nigeria: a benefit incidence analysis	1	Article	0
70	Neurocognitive functioning in MDR-TB patients with and without HIV in KwaZulu-Natal, South Africa	1	Article	1

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
71	Determinants of multidrug-resistant tuberculosis in Sao Paulo-Brazil: a multilevel Bayesian analysis of factors associated with individual, community and access to health services	1	Article	4
72	Implementation of community and facility-based HIV self-testing under routine conditions in southern Eswatini	1	Article	1
73	Sensitivity of C-reactive protein for the identification of patients with laboratory-confirmed bacterial infections in northern Tanzania	1	Article	3
74	Provider- and patient-level costs associated with providing antiretroviral therapy during the postpartum phase to women living with HIV in South Africa: A cost comparison of three postpartum models of care	1	Article	0
75	Estimating retention in HIV care accounting for clinic transfers using electronic medical records: evidence from a large antiretroviral treatment programme in the Western Cape, South Africa	1	Article	2
76	Attitudes towards female genital cutting among adolescents in rural Burkina Faso: a multilevel analysis	1	Article	3
77	A model to predict SARS-CoV-2 infection based on the first three-month surveillance data in Brazil	0	Article	3
78	Child mouthing of soil and presence of animals in child sleeping spaces are associated with growth faltering among young children in Dhaka, Bangladesh (CHoBI7 Program)	1	Article	5
79	Clinical morbidity associated with Schistosoma haematobium infection in pre-school age children from an endemic district in Zimbabwe	1	Article	0
80	Equity dimensions of the decline in under-five mortality in Ghana: a joinpoint regression analysis	1	Article	0
81	Association between treatment with oral third-generation cephalosporin antibiotics and mortality outcomes in Ebola virus disease: a multinational retrospective cohort study	1	Article	0
82	Unfavourable treatment outcomes in tuberculosis patients with different vitamin D status and blood glucose levels in a programme setting in China	1	Article	1
83	Prospective cohort study of child mouthing of faeces and fomites in Dhaka, Bangladesh (CHoBI7 Program)	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
84	Effect of a water, sanitation and hygiene program on handwashing with soap among household members of diarrhoea patients in healthcare facilities in Bangladesh: a cluster-randomised controlled trial of the CHoBI7 mobile health program	1	Article	2
85	Pathogen-specific risk of seizure in children with moderate-to-severe diarrhoea: Case control study with follow-up	1	Article	1
86	Epidemiology of Chagas disease in pregnant women and congenital transmission of <i>Trypanosoma cruzi</i> in the Americas: systematic review and meta-analysis	1	Review	6
87	Potential distribution of main malaria vector species in the endemic Colombian Pacific region	1	Article	1
88	Effect of adding azithromycin to the antimalarials used for seasonal malaria chemoprevention on the nutritional status of African children	1	Article	1
89	Tropical Medicine and International Health and the 2030 Agenda for Sustainable Development	1	Editorial Material	2
90	Predictors of receiving a diagnosis, referral and treatment of depression in people on antiretroviral therapy in South African primary care: a secondary analysis of data from a randomised trial	1	Article	0
91	Circulating <i>Trypanosoma cruzi</i> load and major cardiovascular outcomes in patients with chronic Chagas cardiomyopathy: a prospective cohort study	1	Article	2
92	Feeding modifications and additional primary caregiver support for infants exposed to Zika virus or diagnosed with congenital Zika syndrome: a rapid review of the evidence	1	Review	0
93	Accuracy of diagnostic tests for American tegumentary leishmaniasis: a systematic literature review with meta-analyses	1	Review	3
94	Aflatoxin exposure in pregnant women of mixed status of human immunodeficiency virus infection and rate of gestational weight gain: a Ugandan cohort study	1	Article	4
95	Incidence, risk factors and clinical characteristics of extra-pulmonary tuberculosis patients: a ten-year study in the North of Iran	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
96	Systematic review and meta-analysis of the prevalence of smokeless tobacco consumption among adults in Bangladesh, India and Myanmar	1	Review	0
97	Epidemiology and surveillance of human (neuro)cysticercosis in Europe: is enhanced surveillance required?	1	Article	2
98	Ivermectin for causal malaria prophylaxis: a randomised controlled human infection trial	1	Article	6
99	The potential for quality assurance systems to save costs and lives: the case of early infant diagnosis of HIV	1	Article	1
100	Does performance-based financing curb stock-outs of essential medicines? Results from a randomised controlled trial in Cameroon	1	Article	2
101	High turnaround times and low viral resuppression rates after reinforced adherence counselling following a confirmed virological failure diagnostic algorithm in HIV-infected patients on first-line antiretroviral therapy from Tanzania	1	Article	3
102	Impact of mHealth on contraceptive use among women and men of reproductive age in low- and middle-income countries: a systematic review and meta-analysis	1	Review	0
103	Seasonality and coinfection of bronchiolitis: epidemiological specificity and consequences in terms of prophylaxis in tropical climate	1	Article	1
104	Analysis and spatial distribution of schistosomiasis mansoni in a historically endemic area of northeastern Brazil	1	Article	0
105	Cardiovascular disease among people living with HIV in Brazil	1	Article	1
106	The relationship between mental health conditions and hearing loss in low- and middle-income countries	1	Review	1
107	Identification of Plasmodium knowlesi Merozoite Surface Protein-1(19) (PkMSP-1(19)) novel binding peptides from a phage display library	1	Article	0
108	Seasonal incidence of respiratory viral infections in Telangana, India: utility of a multiplex PCR assay to bridge the knowledge gap	1	Article	1
109	Spatial patterns and temporal tendency of mortality related to Chagas disease in an endemic area of northeastern Brazil	1	Article	2

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
110	Achieving a high cure rate with direct-acting antivirals for chronic Hepatitis C virus infection in Cameroon: a multi-clinic demonstration project	1	Article	0
111	Eating disorders, body image and media exposure among adolescent girls in rural Burkina Faso	1	Article	9
112	Patterns of healthcare seeking among people reporting chronic conditions in rural sub-Saharan Africa: findings from a population-based study in Burkina Faso	1	Article	0
113	Malathion insecticide resistance in <i>Aedes aegypti</i> : laboratory conditions and in situ experimental approach through adult entomological surveillance	1	Article	0
114	Improving mental health literacy in adolescents: systematic review of supporting intervention studies	1	Review	7
115	Infection by <i>Strongyloides stercoralis</i> in immigrants with Chagas disease: evaluation of eosinophilia as screening method in primary care	1	Article	1
116	Quantity vs. quality: an assessment of the current pipeline for rabies	1	Article	0
117	Are out-of-school adolescents at higher risk of adverse health outcomes? Evidence from 9 diverse settings in sub-Saharan Africa	1	Article	4
118	National tuberculosis prevalence surveys in Africa, 2008-2016: an overview of results and lessons learned	1	Article	6
119	Surveillance strategies for the detection of disease outbreaks in the Pacific islands: meta-analysis of published literature, 2010-2019	1	Article	2
120	Spatial fine-resolution model of malaria risk for the Colombian Pacific region	1	Article	1
121	Hyperuricaemia and its association with 10-year risk of cardiovascular disease among migrant and non-migrant African populations: the RODAM study	1	Article	3
122	Factors associated with healthcare seeking behaviour for children in Malawi: 2016	1	Article	0
123	Absolute eosinophil count correlates with temperature and CD4 count independently of HIV infection among tuberculosis patients	1	Article	0

No.	Title	COVID-19-related publication = 0 non-COVID-19 publication = 1	Document type	Number of citations in 2021
124	Prevalence of multidrug-resistant tuberculosis in Latin America and the Caribbean: a systematic review and meta-analysis	1	Review	1
125	Household flooring associated with reduced infant diarrhoeal illness in Zimbabwe in households with and without WASH interventions	1	Article	3
126	The COVID-19 epidemic	0	Editorial Material	468

**Data source:** Web of Science

Table S21 Extracted raw data of non-COVID-19 publications for ITSA

Journals Months	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	Jan.2018	0	24	10	6	15	2	3	3	0	4	14	14	11	15	0	4	27	10	4
Feb.2018	0	20	11	6	8	1	0	3	0	5	8	8	28	1		9	23	11	8	9
Mar.2018	0	19	12	11	18	0	2	3	20	2	14	11	13	16	0	7	30	13	7	10
Apr.2018	24	31	9	3	5	3	5	2	0	5	9	10	7		0	5	20	9	3	12
May.2018	0	19	10	8	9	3	7	3	0	4	13	11	9	15	1	5	25	12	3	19
Jun.2018	0	20	11	7	10	4	3	3	18	2	1	7	3		0	16	17	9	3	15
Jul.2018	11	15	8	9	10	0	2	3	0	3	5	16	15	15	0	10	26	11	4	7
Aug.2018	26	11	11	10	13	2	1	3	0	2	16	14	7		0	3	27	9	3	12
Sep.2018	1	23	12	7	8	0	1	3	0	2	7	2	8	15	0	16	40	11	3	3
Oct.2018	4	51	9	6	13	3	4	3	26	5	6	6	8		0	14	27	10	5	27
Nov.2018	26	26	9	9	15	0	3	3	0	4	10	20	12	10	0	12	9	12	5	10
Dec.2018	0	24	10	9	3	1	5	4	17	3	3	3	7		38	17	20	10	4	13
Jan.2019	15	29	8	9	15	0	1	3	0	2	6	9	10	10	1	9	24	13	1	12
Feb.2019	3	24	13	13	8	0	0	3	0	0	14	9	5		0	13	34	16	3	13
Mar.2019	30	18	10	13	4	2	2	4	26	0	10	8	9	10	4	9	34	16	6	10
Apr.2019	14	29	9	13	8	1	20	2	0	2	6	5	6		0	16	21	9	4	7
May.2019	11	24	10	9	18	1	0	4	0	5	10	3	8	10	5	5	38	11	4	8
Jun.2019	16	27	10	6	9	0	3	3	15	2	15	7	5		8	24	26	11	2	8
Jul.2019	19	42	8	11	13	0	3	2	0	4	8	8	17	10	3	11	25	10	1	11
Aug.2019	6	46	10	18	4	0	6	4	13	4	16	1	2		4	6	33	7	3	12
Sep.2019	3	42	9	12	12	3	1	3	13	0	9	4	0	7	5	4	27	5	2	5



Journals Months	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	<b>Oct.2019</b>	8	31	13	15	12	0	1	3	0	7	15	2	18		8	28	35	8	4
<b>Nov.2019</b>	9	36	7	11	12	1	3	4	0	0	4	19	12	8	6	11	29	7	3	28
<b>Dec.2019</b>	11	28	12	16	3	0	11	3	13	1	12	12	8		6	18	39	8	6	13
<b>Jan.2020</b>	7	25	10	29	10	0	0	2	0	4	18	12	12	7	9	4	23	8	12	12
<b>Feb.2020</b>	18	25	12	27	6	1	0	3	0	2	11	4	7		7	18	23	7	5	6
<b>Mar.2020</b>	9	30	14	27	17	0	3	4	11	2	8	10	8	8	1	30	27	5	6	12
<b>Apr.2020</b>	13	34	15	26	4	1	1	3	0	0	14	8	7		7	29	23	10	7	11
<b>May.2020</b>	5	31	10	21	5	0	5	3	0	5	15	9	1	7	5	12	21	5	4	16
<b>Jun.2020</b>	13	26	10	6	15	0	2	1	14	3	20	2	14		7	13	14	5	5	7
<b>Jul.2020</b>	14	35	6	7	11	2	0	1	0	3	10	10	3	3	4	6	15	8	4	16
<b>Aug.2020</b>	15	39	8	11	30	0	6	1	0	2	21	5	5		3	12	21	7	0	8
<b>Sep.2020</b>	13	35	5	10	9	1	2	1	22	2	15	9	9	6	1	17	13	6	4	21
<b>Oct.2020</b>	6	43	8	8	21	0	3	1	0	3	22	8	6		1	10	19	7	3	1
<b>Nov.2020</b>	8	40	14	7	11	0	0	4	0	2	22	4	19	9	3	12	15	9	4	26
<b>Dec.2020</b>	3	49	9	15	14	0	3	1	17	1	8	4	16		0	37	22	9	3	6
<b>Jan.2021</b>	7	31	6	8	16	0	3	2	0	2	1	8	2	9	1	12	17	6	5	11
<b>Feb.2021</b>	9	37	6	6	4	0	3	4	0	5	1	3	4		0	6	17	8	5	13
<b>Mar.2021</b>	7	32	8	9	5	0	5	2	30	4	0	6	8	9	1	30	23	8	5	11
<b>Apr.2021</b>	5	48	9	15	26	0	13	3	0	2	3	6	3		4	9	22	11	3	17
<b>May.2021</b>	1	46	7	25	3	0	0	2	0	3	19	2	6	7	1	12	21	10	3	3
<b>Jun.2021</b>	8	30	8	20	8	0	7	1	16	2	15	9	10		2	5	18	12	1	7
<b>Jul.2021</b>	14	61	6	7	12	0	5	4	0	2	19	15	3	5	0	17	33	12	2	15

Journals Months	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	Aug.2021	12	41	7	18	23	0	0	4	0	4	13	9	9		1	13	28	13	0
Sep.2021	4	29	8	5	18	1	6	2	24	4	14	15	3	8	2	13	22	12	1	8
Oct.2021	10	33	6	13	7	0	4	4	0	2	13	8	6		2	13	24	10	1	15
Nov.2021	13	40	12	17	1	0	3	3	10	3	10	8	5	5	3	15	27	13	1	3
Dec.2021	3	37	9	18	10	1	9	2	24	2	11	5	1		2	15	34	11	3	9
Jan.2022	7	28	10	14	7	0	3	3	0	1	3	5	6	3	4	1	21	10	2	15
Feb.2022	2	19	0	16	9	0	4	2	23	7	13	9	4		0	3	21	16	3	10
Mar.2022	10	32	7	25	11	0	6	2	0	5	18	9	2	5	1	6	18	13	7	6
Apr.2022	5	37	9	8	15	0	4	1	20	2	8	7	20		1	21	35	14	1	6
May.2022	10	42	5	21	5	0	6	3	0	3	5	8	7	8	3	11	31	10	3	4
Jun.2022	6	31	7	18	6	0	6	1	15	4	12	5	7		3	10	22	10	5	2

**Data source:** Websites of the included global health journals

**Note for full journal names:**

A=*Annals of Global Health*; B=*BMJ Global Health*; C=*Bulletin of the World Health Organization*; D=*Clinical Epidemiology and Global Health*; E=*Global Health Action*; F=*Global Health Epidemiology and Genomics*; G=*Global Health Promotion*; H=*Global Health Research and Policy*; I=*Global Health-Science and Practice*; J=*Global Mental Health*; K=*Global Public Health*; L=*Globalization and Health*; M=*International Health*; N=*International Journal of Health Sciences-IJHS*; O=*Journal of Epidemiology and Global Health*; P=*Journal of Global Health*; Q=*Lancet Global Health*; R=*Lancet Planetary Health*; S=*Pathogens and Global Health*; T=*Tropical Medicine & International Health*.

Table S22 Extracted raw data of all publications for ITSA

Journals Months	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	Jan.2018	0	24	10	6	15	2	3	3	0	4	14	14	11	15	0	4	27	10	4
Feb.2018	0	20	11	6	8	1	0	3	0	5	8	8	28	1		9	23	11	8	9
Mar.2018	0	19	12	11	18	0	2	3	18	2	14	11	13	16	0	7	30	13	7	10
Apr.2018	24	31	9	3	5	3	5	2	0	5	9	10	7		0	5	20	9	3	12
May.2018	0	19	10	8	9	3	7	3	0	4	13	11	9	15	1	5	25	12	3	19
Jun.2018	0	20	11	7	10	4	3	3	18	2	1	7	3		0	16	17	9	3	15
Jul.2018	11	15	8	9	10	0	2	3	0	3	5	16	15	15	0	10	26	11	4	7
Aug.2018	26	11	11	10	13	2	1	3	0	2	16	14	7		0	3	27	9	3	12
Sep.2018	1	23	12	7	8	0	1	3	0	2	7	2	8	15	0	16	40	11	3	3
Oct.2018	4	51	9	6	13	3	4	3	26	5	6	6	8		0	14	27	10	5	27
Nov.2018	26	26	9	9	15	0	3	3	0	4	10	20	12	10	0	12	9	12	5	10
Dec.2018	0	24	10	9	3	1	5	4	16	3	3	3	7		38	17	20	10	4	13
Jan.2019	15	29	8	9	15	0	1	3	0	2	6	9	10	10	1	9	24	13	1	12
Feb.2019	3	24	13	13	8	0	0	3	0	0	14	9	5		0	13	34	16	3	13
Mar.2019	30	18	10	13	4	2	2	4	26	0	10	8	9	10	4	9	34	16	6	10
Apr.2019	14	29	9	13	8	1	20	2	0	2	6	5	6		0	16	21	9	4	7
May.2019	11	24	10	9	18	1	0	4	0	5	10	3	8	10	5	5	38	11	4	8
Jun.2019	16	27	10	6	9	0	3	3	15	2	15	7	5		8	24	26	11	2	8
Jul.2019	19	42	8	11	13	0	3	2	0	4	8	8	17	10	3	11	25	10	1	11
Aug.2019	6	46	10	18	4	0	6	4	13	4	16	1	2		4	6	33	7	3	12
Sep.2019	3	42	9	12	12	3	1	3	13	0	9	4	0	7	5	4	27	5	2	5

Journals Months	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	Oct.2019	8	31	13	15	12	0	1	3	0	7	15	2	18		8	28	35	8	4
Nov.2019	9	36	7	11	12	1	3	4	0	0	4	19	12	8	6	11	29	7	3	28
Dec.2019	11	28	12	16	3	0	11	3	13	1	12	12	8		6	18	39	8	6	13
Jan.2020	7	25	10	29	10	0	0	2	0	4	18	12	12	7	9	4	23	8	12	12
Feb.2020	18	25	12	27	6	1	0	3	0	2	11	4	7		8	18	26	7	6	7
Mar.2020	9	30	15	27	17	0	3	7	11	2	8	10	8	8	1	32	34	8	6	12
Apr.2020	13	38	17	26	4	1	1	4	0	0	15	9	7		8	43	43	11	8	11
May.2020	7	47	12	22	5	0	5	8	0	5	19	11	1	10	6	24	32	10	7	16
Jun.2020	15	37	11	11	15	0	2	4	18	3	24	4	14		7	34	22	9	11	7
Jul.2020	17	51	9	11	11	2	0	4	0	3	14	16	5	4	6	25	30	11	5	16
Aug.2020	19	49	10	17	33	0	6	3	0	3	27	7	6		12	48	33	11	3	9
Sep.2020	16	49	9	14	10	1	2	4	24	3	17	15	9	8	6	36	21	12	7	22
Oct.2020	12	51	12	10	22	0	4	3	0	3	26	15	9		4	24	25	12	4	3
Nov.2020	11	48	15	8	12	1	2	5	0	3	23	7	20	9	5	18	20	10	8	27
Dec.2020	3	57	11	18	14	0	5	4	19	2	12	6	16		2	45	30	11	5	8
Jan.2021	11	45	10	13	18	0	7	3	0	2	4	16	3	9	5	35	24	11	11	11
Feb.2021	12	48	12	9	5	0	10	4	0	5	5	6	7		1	13	23	9	12	14
Mar.2021	9	52	10	12	5	0	9	4	32	4	10	13	9	9	6	48	38	10	12	11
Apr.2021	9	58	11	21	29	0	15	4	0	5	16	16	5		6	24	26	13	4	17
May.2021	3	63	12	34	5	0	1	4	0	4	21	7	10	7	2	19	25	12	5	3
Jun.2021	11	45	14	30	8	0	10	1	21	4	21	10	11		8	12	25	13	4	8
Jul.2021	17	77	9	11	12	0	6	6	0	3	21	17	4	7	0	35	39	14	6	15

Journals Months	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Aug.2021	13	57	9	25	23	0	0	5	0	5	14	11	11		3	18	33	14	1	10
Sep.2021	6	41	10	8	18	1	10	6	25	4	17	17	5	8	3	19	26	12	1	8
Oct.2021	11	39	10	20	7	0	5	4	0	2	15	10	8		3	16	29	14	1	16
Nov.2021	17	49	13	26	2	0	3	3	10	3	11	9	6	7	6	23	36	15	3	3
Dec.2021	5	52	12	27	10	1	9	5	27	3	12	6	3		5	28	40	13	3	10
Jan.2022	9	36	11	21	8	0	4	4	0	2	4	8	6	7	10	1	23	10	4	16
Feb.2022	4	31	13	22	9	0	4	2	26	10	13	17	4		0	9	23	17	7	11
Mar.2022	11	43	8	32	11	0	8	3	0	9	19	11	4	7	2	12	25	14	7	9
Apr.2022	5	44	10	11	15	1	4	3	22	2	8	9	21		5	26	38	14	2	7
May.2022	12	51	7	26	5	2	7	4	0	4	6	8	8	9	4	24	34	12	3	5
Jun.2022	7	47	8	21	8	0	8	3	16	5	7	12	8		4	13	26	11	6	2

**Data source:** Websites of the included global health journals

**Note for full journal names:**

A=*Annals of Global Health*; B=*BMJ Global Health*; C=*Bulletin of the World Health Organization*; D=*Clinical Epidemiology and Global Health*; E=*Global Health Action*; F=*Global Health Epidemiology and Genomics*; G=*Global Health Promotion*; H=*Global Health Research and Policy*; I=*Global Health-Science and Practice*; J=*Global Mental Health*; K=*Global Public Health*; L=*Globalization and Health*; M=*International Health*; N=*International Journal of Health Sciences-IJHS*; O=*Journal of Epidemiology and Global Health*; P=*Journal of Global Health*; Q=*Lancet Global Health*; R=*Lancet Planetary Health*; S=*Pathogens and Global Health*; T=*Tropical Medicine & International Health*.

### Appendix 3: Supplementary results

Table S1 (Pages 1-2): Characteristics of the included global health journals

Table S2 (Pages 3-4): Changes of non-COVID-19 publications with ITSA analysis due to the pandemic from January 2018 to June 2022 in the included global health journals using Newey-West test

Figure S1 (Pages 5-7): Auto correlation plots with Cumby-Huizinga general test (up to lag order=6) for non-COVID-19 publications in the included global health journals (Figure S1 includes A-T)

**Table S1 Characteristics of the included global health journals**

Journal name	First year issued	Edition	Frequency (issues per year)	Country / Region	First electronic JCR year	h-index (2021)	JCI (2021)	Total citations (2021)	APC <sup>a</sup>	Overall hot papers <sup>d</sup>	COVID-19-related hot papers	Overall highly cited papers <sup>e</sup>	
												COVID-19-related highly cited papers	From January 2020 to June 2022 (N)
Annals of Global Health	2014	SCIE	1	ENGLAND	2014	7	0.60	2312	1365 dollars	0	0	0	0
BMJ Global Health	2016	SSCI/SCIE	6	ENGLAND	2019	21	1.58	9641	3000 pounds	2	2	20	16
Bulletin of the World Health Organization	1947	SCIE	12	SWITZERLAND	1997	12	2.23	21791	No APC	1	1	8	5
Clinical Epidemiology and Global Health	2013	ESCI	3	INDIA	2020	18	0.51	1384	1200 dollars	0	0	0	0
Global Health Action	2008	SSCI/SCIE	1	ENGLAND	2011	8	0.78	5288	1582 dollars	0	0	1	1
Global Health Epidemiology and Genomics	2016	ESCI	1	ENGLAND	2020	0	0.41	250	1350 dollars	0	0	0	0
Global Health Promotion	1994	SSCI	4	USA	2012	5	0.46	974	- <sup>c</sup>	0	0	0	0
Global Health Research and Policy	2016	ESCI	1	CHINA MAINLAND	2020	5	1.48	862	Covered <sup>b</sup>	0	0	0	0
Global Health-Science and Practice	2013	SSCI/SCIE	4	USA	2019	7	0.73	1717	No APC	0	0	0	0
Global Mental Health	2014	SCIE	1	ENGLAND	2019	6	0.75	736	3255 dollars	0	0	0	0
Global Public Health	2006	SSCI	10	ENGLAND	2011	11	0.82	3612	2575 dollars	0	0	6	6
Globalization and Health	2005	SSCI/SCIE	1	ENGLAND	2011	18	1.61	5196	2890 dollars	2	2	18	15
International Health	2009	SSCI/SCIE	6	ENGLAND	2012	8	0.59	1741	2000 pounds	0	0	1	1
International Journal of Health Science-IJHS	2007	ESCI	6	SAUDI ARABIA	2020	4	0.42	1178	30 dollars	0	0	0	0

Journal name	First year issued	Edition	Frequency (issues per year)	Country / Region	First electronic JCR year	h-index (2021)	JCI (2021)	Total citations (2021)	APC <sup>a</sup>	From January 2020 to June 2022 (N)			
										Overall hot papers <sup>d</sup>	COVID-19-related hot papers	Overall highly cited papers <sup>e</sup>	COVID-19-related highly cited papers
Journal of Epidemiology and Global Health	2011	SSCI/SCIE	4	FRANCE	2019	9	0.88	1484	2290 dollars	0	0	2	1
Journal of Global Health	2011	SSCI/SCIE	2	SCOTLAND	2015	15	1.11	4452	1950 pounds	0	0	11	9
Lancet Global Health	2013	SSCI/SCIE	12	ENGLAND	2013	27	8.34	22156	5500 dollars	6	2	39	21
Lancet Planetary Health	2017	SSCI/SCIE	12	ENGLAND	2020	23	4.00	4794	5500 dollars	0	0	12	2
Pathogens and Global Health	1907	SCIE	8	ENGLAND	2012	8	0.91	1943	No APC	0	0	2	2
Tropical Medicine & International Health	1996	SCIE	12	ENGLAND	1997	8	0.70	9448	3150 dollars	0	0	0	0

**Note:**

<sup>a</sup> APC is only charged for research or original articles in global health journals.

<sup>b</sup> APC covered by the Global Health Institute, Wuhan University, China before June 30, 2022.

<sup>c</sup> Information about APC in Global Health Promotion could not be found in the official website.

<sup>d</sup> Papers cited in the top 0.1% in a current bimonthly period. Papers are selected in each of 22 fields of science and must be published within the last two years (quoted from Clarivate).

<sup>e</sup> Highly cited papers reflect the top 1% of papers by field and publication year (quoted from Clarivate).

**Table S2 Changes of non-COVID-19 publications with ITSA analysis due to the pandemic from January 2018 to June 2022 in the included global health journals using Newey-West test**

Journal name	Coefficient values	Newey-West Standard error	t	P	95% Confidence interval	
Total	_t <sup>a</sup>	1.83	0.3	6.16	<0.001*	[1.24, 2.43]
	_xFeb.2020 <sup>b</sup>	-14.2	5.52	-2.58	0.013*	[-25.3, -3.1]
	_x_tFeb.2020 <sup>c</sup>	-2.47	0.50	-4.92	<0.001*	[-3.47, -1.46]
	_cons <sup>d</sup>	153.3	3.9	39.54	<0.001*	[145.5, 161.1]
Annals of Global Health	_t	0.23	0.21	1.09	0.281	[-0.19, 0.65]
	_xFeb.2020	-1.3	3.8	-0.33	0.743	[-8.9, 6.4]
	_x_tFeb.2020	-0.43	0.20	-2.16	0.036*	[-0.83, -0.03]
	_cons	7.0	2.7	2.59	0.013*	[1.6, 12.5]
BMJ Global Health	_t	0.62	0.20	3.02	0.004*	[0.21, 1.02]
	_xFeb.2020	-0.3	4.1	-0.06	0.949	[-8.5, 7.9]
	_x_tFeb.2020	-0.56	0.26	-2.14	0.037*	[-1.08, -0.04]
	_cons	20.0	2.9	6.81	<0.001*	[14.1, 25.9]
Bulletin of the World Health Organization	_t	-0.02	0.05	-0.44	0.660	[-0.11, 0.07]
	_xFeb.2020	0.9	1.3	0.70	0.489	[-1.7, 3.6]
	_x_tFeb.2020	-0.15	0.08	-1.87	0.067	[-0.31, 0.01]
	_cons	10.3	0.5	19.73	<0.001*	[9.2, 11.3]
Clinical Epidemiology and Global Health	_t	0.49	0.14	3.50	0.001*	[0.21, 0.77]
	_xFeb.2020	-2.0	4.5	-0.45	0.658	[-11.0, 7.0]
	_x_tFeb.2020	-0.51	0.28	-1.83	0.074	[-1.06, 0.05]
	_cons	4.8	1.3	3.80	<0.001*	[2.2, 7.3]
Global Health Action	_t	-0.01	0.12	-0.82	0.417	[-0.33, 0.14]
	_xFeb.2020	4.4	3.2	1.35	0.183	[-2.1, 10.9]
	_x_tFeb.2020	-0.05	0.18	-0.26	0.798	[-0.41, 0.32]
	_cons	11.3	1.7	6.86	<0.001*	[8.0, 14.7]
Global Health Epidemiology and Genomics	_t	-0.07	0.03	-2.73	0.009*	[-0.11, -0.02]
	_xFeb.2020	0.3	0.4	0.72	0.477	[-0.5, 1.0]
	_x_tFeb.2020	0.06	0.03	2.12	0.039*	[0.00, 0.11]
	_cons	1.9	0.4	4.64	<0.001*	[1.1, 2.7]
Global Health Promotion	_t	0.07	0.08	0.78	0.440	[-0.10, 0.23]
	_xFeb.2020	-2.4	1.6	-1.49	0.143	[-5.7, 0.8]
	_x_tFeb.2020	0.07	0.09	0.79	0.431	[-0.11, 0.26]
	_cons	2.7	1.0	2.72	0.009*	[0.7, 4.7]
Global Health Research and Policy	_t	0.01	0.01	0.65	0.520	[-0.02, 0.03]
	_xFeb.2020	-0.8	0.7	-1.16	0.253	[-2.1, 0.6]
	_x_tFeb.2020	-0.01	0.03	-0.37	0.713	[-0.07, 0.05]
	_cons	2.9	0.1	20.56	<0.001*	[2.7, 3.2]
International Journal of Health Sciences-IJHS	_t	-0.41	0.04	-9.41	<0.001*	[-0.50, -0.32]
	_xFeb.2020	0.8	1.1	0.74	0.467	[-1.5, 3.1]
	_x_tFeb.2020	0.36	0.07	5.03	<0.001*	[0.21, 0.51]
	_cons	16.2	0.7	24.66	<0.001*	[14.9, 17.6]
Global Mental Health	_t	-0.05	0.05	-0.94	0.352	[-0.16, 0.06]
	_xFeb.2020	-0.1	1.1	-0.10	0.924	[-2.3, 2.1]
	_x_tFeb.2020	0.10	0.06	1.59	0.118	[-0.03, 0.23]
	_cons	3.5	0.6	6.25	<0.001*	[2.4, 4.6]
Global Public Health	_t	0.12	0.10	1.16	0.253	[-0.09, 0.33]
	_xFeb.2020	2.3	2.9	0.80	0.430	[-3.5, 8.2]
	_x_tFeb.2020	-0.26	0.14	-1.91	0.062	[-0.53, 0.01]
	_cons	8.5	1.6	5.22	<0.001*	[5.2, 11.8]



Journal name	Coefficient values	Newey-West Standard error	t	P	95% Confidence interval	
Globalization and Health	_t	-0.13	0.14	-0.92	0.364	[-0.42, 0.16]
	_xFeb.2020	-0.6	2.6	-0.22	0.828	[-5.9, 4.7]
	_x_tFeb.2020	0.18	0.15	1.16	0.252	[-0.13, 0.49]
	_cons	10.4	1.7	6.27	<0.001*	[7.1, 13.7]
International Health	_t	-0.16	0.20	-0.82	0.417	[-0.56, 0.24]
	_xFeb.2020	-0.1	3.1	-0.02	0.985	[-6.4, 6.3]
	_x_tFeb.2020	0.13	0.23	0.55	0.585	[-0.33, 0.58]
	_cons	11.5	2.8	4.09	<0.001*	[5.9, 17.2]
Journal of Epidemiology and Global Health	_t	0.31	0.05	6.24	<0.001*	[0.21, 0.41]
	_xFeb.2020	-4.2	1.6	-2.60	0.012*	[-7.4, -1.0]
	_x_tFeb.2020	-0.41	0.07	-5.86	<0.001*	[-0.55, -0.27]
	_cons	0.2	1.9	0.13	0.898	[-3.5, 4.0]
Journal of Global Health	_t	0.25	0.19	1.35	0.184	[-0.12, 0.63]
	_xFeb.2020	4.8	4.6	1.05	0.298	[-4.4, 13.9]
	_x_tFeb.2020	-0.62	0.25	-2.46	0.017*	[-1.12, -0.11]
	_cons	8.0	1.9	4.31	<0.001*	[4.3, 11.7]
Lancet Global Health	_t	0.31	0.16	2.00	0.051	[-0.00, 0.63]
	_xFeb.2020	-13.2	3.2	-4.16	<0.001*	[-19.5, -6.8]
	_x_tFeb.2020	-0.01	0.20	-0.06	0.952	[-0.42, 0.40]
	_cons	23.4	2.3	10.06	<0.001*	[18.7, 28.1]
Lancet Planetary Health	_t	-0.14	0.05	-2.82	0.007*	[-0.24, -0.04]
	_xFeb.2020	-2.5	1.1	-2.23	0.030*	[-4.8, -0.3]
	_x_tFeb.2020	0.40	0.07	5.73	<0.001*	[0.26, 0.54]
	_cons	11.9	0.7	17.72	<0.001*	[10.6, 13.3]
Pathogens and Global Health	_t	0.01	0.09	0.12	0.908	[-0.17, 0.20]
	_xFeb.2020	0.2	1.3	0.18	0.859	[-2.3, 2.8]
	_x_tFeb.2020	-0.10	0.12	-0.78	0.436	[-0.34, 0.15]
	_cons	4.0	1.0	4.08	<0.001*	[2.0, 6.0]
Tropical Medicine & International Health	_t	0.09	0.16	0.53	0.595	[-0.24, 0.41]
	_xFeb.2020	0.1	3.0	0.03	0.974	[-5.9, 6.1]
	_x_tFeb.2020	-0.30	0.19	-1.59	0.119	[-0.67, 0.08]
	_cons	10.8	1.9	5.79	<0.001*	[7.1, 14.6]

**\*Note:**

<sup>a</sup> \_t means the differences of the slopes before the pandemic.

<sup>b</sup> \_xFeb.2020 indicates the differences of the non-COVID-19 publications at the intervention time point, that is, the pandemic.

<sup>c</sup> \_x\_tFeb.2020 indicates the differences of the slopes between before and after the pandemic.

<sup>d</sup> \_cons means the constant values, that is, the number of non-COVID-19 publications in January 2018.

## A All the included global health journals

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)  
H0: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

H0: q=0 (serially uncorrelated) HA: s.c. present at range specified				H0: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	1.060	1	0.3032	1	1.060	1	0.3032
1 - 2	9.129	2	0.0104	2	6.817	1	0.0090
1 - 3	9.133	3	0.0276	3	0.562	1	0.4535
1 - 4	9.137	4	0.0578	4	0.776	1	0.3782
1 - 5	10.406	5	0.0645	5	0.268	1	0.6046
1 - 6	20.231	6	0.0025	6	9.900	1	0.0017

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity

## D Bulletin of the World Health Organization

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)  
H0: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

H0: q=0 (serially uncorrelated) HA: s.c. present at range specified				H0: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	0.010	1	0.9220	1	0.010	1	0.9220
1 - 2	0.176	2	0.9159	2	0.165	1	0.6843
1 - 3	1.438	3	0.6967	3	1.242	1	0.2650
1 - 4	2.019	4	0.7323	4	0.433	1	0.5105
1 - 5	2.207	5	0.8199	5	0.101	1	0.7509
1 - 6	2.235	6	0.8968	6	0.018	1	0.8947

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity

## G Global Health Promotion

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)  
H0: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

H0: q=0 (serially uncorrelated) HA: s.c. present at range specified				H0: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	2.865	1	0.0905	1	2.865	1	0.0905
1 - 2	3.096	2	0.2126	2	0.672	1	0.4125
1 - 3	10.118	3	0.0176	3	7.296	1	0.0069
1 - 4	11.247	4	0.0239	4	0.032	1	0.8574
1 - 5	12.462	5	0.0290	5	0.549	1	0.4589
1 - 6	12.482	6	0.0520	6	0.302	1	0.5824

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity

## B Annals of Global Health

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)  
H0: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

H0: q=0 (serially uncorrelated) HA: s.c. present at range specified				H0: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	1.942	1	0.1635	1	1.942	1	0.1635
1 - 2	2.997	2	0.2235	2	0.504	1	0.4779
1 - 3	3.267	3	0.3522	3	0.014	1	0.9044
1 - 4	8.004	4	0.0914	4	5.105	1	0.0239
1 - 5	8.158	5	0.1478	5	1.318	1	0.2509
1 - 6	14.575	6	0.0238	6	4.212	1	0.0401

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity

## E Clinical Epidemiology and Global Health

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)  
H0: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

H0: q=0 (serially uncorrelated) HA: s.c. present at range specified				H0: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	8.158	1	0.0043	1	8.158	1	0.0043
1 - 2	8.359	2	0.0153	2	1.566	1	0.2108
1 - 3	8.524	3	0.0363	3	0.075	1	0.7841
1 - 4	9.257	4	0.0550	4	0.578	1	0.4473
1 - 5	9.264	5	0.0990	5	0.615	1	0.4329
1 - 6	9.413	6	0.1517	6	0.781	1	0.3769

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity

## H Global Health Promotion

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)  
H0: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

H0: q=0 (serially uncorrelated) HA: s.c. present at range specified				H0: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	3.423	1	0.0643	1	3.423	1	0.0643
1 - 2	6.497	2	0.0388	2	1.374	1	0.2412
1 - 3	7.686	3	0.0530	3	0.028	1	0.8665
1 - 4	8.197	4	0.0846	4	0.003	1	0.9530
1 - 5	8.886	5	0.1137	5	0.064	1	0.8003
1 - 6	9.219	6	0.1616	6	0.002	1	0.9655

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity

## C BMJ Global Health

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)  
H0: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

H0: q=0 (serially uncorrelated) HA: s.c. present at range specified				H0: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	2.339	1	0.1261	1	2.339	1	0.1261
1 - 2	2.855	2	0.2399	2	0.139	1	0.7098
1 - 3	2.932	3	0.4023	3	0.000	1	0.9905
1 - 4	3.138	4	0.5350	4	0.123	1	0.7259
1 - 5	4.099	5	0.5353	5	1.407	1	0.2356
1 - 6	4.773	6	0.5733	6	1.192	1	0.2748

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity

## F Global Health Action

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)  
H0: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

H0: q=0 (serially uncorrelated) HA: s.c. present at range specified				H0: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	2.373	1	0.1234	1	2.373	1	0.1234
1 - 2	2.522	2	0.2833	2	0.001	1	0.9751
1 - 3	3.723	3	0.2929	3	0.901	1	0.3425
1 - 4	3.932	4	0.4152	4	0.000	1	0.9846
1 - 5	3.954	5	0.5561	5	0.001	1	0.9708
1 - 6	5.693	6	0.4584	6	0.999	1	0.3175

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity

## I Global Health Research and Policy

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)  
H0: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

H0: q=0 (serially uncorrelated) HA: s.c. present at range specified				H0: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	0.059	1	0.8078	1	0.059	1	0.8078
1 - 2	0.061	2	0.9701	2	0.002	1	0.9637
1 - 3	4.157	3	0.2450	3	4.130	1	0.0421
1 - 4	8.952	4	0.0623	4	4.228	1	0.0398
1 - 5	9.081	5	0.1059	5	0.213	1	0.6448
1 - 6	9.197	6	0.1628	6	0.702	1	0.4022

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity

**J Global Mental Health**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

HO: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

HO: q=0 (serially uncorrelated) HA: s.c. present at range specified				HO: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	1.141	1	0.2855	1	1.141	1	0.2855
1 - 2	3.796	2	0.1498	2	2.034	1	0.1538
1 - 3	3.867	3	0.2762	3	0.050	1	0.8228
1 - 4	9.181	4	0.0567	4	3.232	1	0.0722
1 - 5	9.539	5	0.0894	5	0.115	1*	0.7348
1 - 6	10.859	6	0.0928	6	0.001	1*	0.9801

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity  
\* Eigenvalues adjusted to make matrix positive semidefinite**M International Health**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

HO: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

HO: q=0 (serially uncorrelated) HA: s.c. present at range specified				HO: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	0.527	1	0.4678	1	0.527	1	0.4678
1 - 2	1.450	2	0.4842	2	0.757	1	0.3843
1 - 3	1.675	3	0.6425	3	0.475	1	0.4907
1 - 4	4.793	4	0.3092	4	2.696	1	0.1006
1 - 5	4.797	5	0.4412	5	0.066	1	0.7974
1 - 6	5.073	6	0.5344	6	0.007	1	0.9324

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity**P Journal of Global Health**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

HO: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

HO: q=0 (serially uncorrelated) HA: s.c. present at range specified				HO: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	1.275	1	0.2589	1	1.275	1	0.2589
1 - 2	4.195	2	0.1227	2	2.154	1	0.1422
1 - 3	6.019	3	0.1107	3	0.401	1	0.5265
1 - 4	6.072	4	0.1938	4	0.300	1	0.5840
1 - 5	8.117	5	0.1499	5	0.833	1	0.3613
1 - 6	8.176	6	0.2255	6	0.118	1	0.7318

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity**K Global Public Health**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

HO: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

HO: q=0 (serially uncorrelated) HA: s.c. present at range specified				HO: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	2.495	1	0.1142	1	2.495	1	0.1142
1 - 2	2.526	2	0.2828	2	0.026	1	0.8717
1 - 3	2.859	3	0.4138	3	0.282	1	0.5956
1 - 4	4.342	4	0.3616	4	1.940	1	0.1636
1 - 5	7.185	5	0.2072	5	4.038	1	0.0445
1 - 6	7.897	6	0.2458	6	1.760	1	0.1846

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity**N International Journal of Health Science-IJHS**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

HO: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

HO: q=0 (serially uncorrelated) HA: s.c. present at range specified				HO: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	0.928	1	0.3354	1	0.928	1	0.3354
1 - 2	4.436	2	0.1089	2	2.467	1	0.1163
1 - 3	4.846	3	0.1834	3	1.472	1	0.2250
1 - 4	6.905	4	0.1410	4	1.078	1	0.2990
1 - 5	6.905	5	0.2278	5	0.000	1*	0.9969
1 - 6	15.090	6	0.0196	6	0.428	1*	0.5131

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity  
\* Eigenvalues adjusted to make matrix positive semidefinite**Q Lancet Global Health**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

HO: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

HO: q=0 (serially uncorrelated) HA: s.c. present at range specified				HO: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	0.040	1	0.8415	1	0.040	1	0.8415
1 - 2	1.145	2	0.5641	2	1.096	1	0.2951
1 - 3	5.082	3	0.1659	3	3.523	1	0.0605
1 - 4	5.136	4	0.2736	4	0.001	1	0.9730
1 - 5	7.076	5	0.2151	5	2.955	1	0.0856
1 - 6	8.607	6	0.1969	6	0.560	1	0.4544

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity**L Globalization and Health**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

HO: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

HO: q=0 (serially uncorrelated) HA: s.c. present at range specified				HO: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	0.057	1	0.8111	1	0.057	1	0.8111
1 - 2	0.160	2	0.9231	2	0.095	1	0.7576
1 - 3	0.184	3	0.9801	3	0.010	1	0.9199
1 - 4	0.567	4	0.9667	4	0.444	1	0.5052
1 - 5	2.071	5	0.8392	5	1.543	1	0.2141
1 - 6	2.084	6	0.9118	6	0.003	1	0.9529

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity**O Journal of Epidemiology and Global Health**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

HO: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

HO: q=0 (serially uncorrelated) HA: s.c. present at range specified				HO: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	0.594	1	0.4410	1	0.594	1	0.4410
1 - 2	1.654	2	0.4373	2	0.863	1	0.3528
1 - 3	1.854	3	0.6033	3	0.043	1	0.8361
1 - 4	3.400	4	0.4932	4	0.950	1	0.3296
1 - 5	3.638	5	0.6027	5	0.006	1	0.9399
1 - 6	3.660	6	0.7226	6	0.084	1	0.7714

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity**R Lancet Planetary Health**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

HO: variable is MA process up to order q  
HA: serial correlation present at specified lags >q

HO: q=0 (serially uncorrelated) HA: s.c. present at range specified				HO: q=specified lag-1 HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	3.385	1	0.0658	1	3.385	1	0.0658
1 - 2	4.094	2	0.1291	2	1.308	1	0.2528
1 - 3	4.124	3	0.2484	3	0.080	1	0.7779
1 - 4	4.320	4	0.3644	4	0.320	1	0.5716
1 - 5	5.694	5	0.3371	5	0.572	1	0.4494
1 - 6	8.681	6	0.1923	6	3.728	1	0.0535

Test allows predetermined regressors/instruments  
Test requires conditional homoskedasticity

**S Pathogens and Global Health**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

H0: variable is MA process up to order q

HA: serial correlation present at specified lags &gt;q

H0: q=0 (serially uncorrelated)				H0: q=specified lag-1			
HA: s.c. present at range specified				HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	5.243	1	0.0220	1	5.243	1	0.0220
1 - 2	5.359	2	0.0686	2	0.524	1	0.4693
1 - 3	6.727	3	0.0811	3	1.368	1	0.2421
1 - 4	8.821	4	0.0657	4	1.379	1	0.2404
1 - 5	8.837	5	0.1157	5	0.754	1	0.3853
1 - 6	12.767	6	0.0469	6	3.941	1	0.0471

Test allows predetermined regressors/instruments  
 Test requires conditional homoskedasticity

**T Tropical Medicine & International Health**

Cumby-Huizinga test for autocorrelation (Breusch-Godfrey)

H0: variable is MA process up to order q

HA: serial correlation present at specified lags &gt;q

H0: q=0 (serially uncorrelated)				H0: q=specified lag-1			
HA: s.c. present at range specified				HA: s.c. present at lag specified			
lags	chi2	df	p-val	lag	chi2	df	p-val
1 - 1	5.632	1	0.0176	1	5.632	1	0.0176
1 - 2	5.634	2	0.0598	2	0.597	1	0.4397
1 - 3	7.316	3	0.0625	3	1.782	1	0.1819
1 - 4	7.863	4	0.0967	4	0.088	1	0.7662
1 - 5	7.932	5	0.1600	5	0.006	1	0.9385
1 - 6	7.949	6	0.2419	6	0.039	1	0.8428

Test allows predetermined regressors/instruments  
 Test requires conditional homoskedasticity

**Figure S1 Auto correlation plots with Cumby-Huizinga general test (up to lag order=6) for non-COVID-19 publications in the included global health journals**

**Note:** We excluded the number of publications from the Global Health-Science and Practice journal for the ITSA analysis since it only publishes the papers in specific months for a year and the interval of time issued is not equal.