### Digital appendix 1

Yearly distribution of articles, authors, pages and references for Cambodia

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TP: number of publications; AU: number of authors; APP: number of authors per publication; TC<sub>2019</sub>: the total number of citations from Web of Science Core Collection since publication year to the end of 2019; CPP<sub>2019</sub>: number of citations (TC<sub>2019</sub>) per publication (TP).

Digital appendix 3
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Spanish 1 0.035 2 2.0 1 1.0

*TP*: number of publications; *AU*: number of authors; *APP*: number of authors per publication; 
*TC*\textsubscript{2019}: the total number of citations from Web of Science Core Collection since publication to the end of 2019; *CPP*\textsubscript{2019}: number of citations (*TC*\textsubscript{2019}) per publication (*TP*).

**Digital appendix 4**
The top four productive journals

**Digital appendix 5**
Top 11. Web of Science categories with TP >100 (Percentage from a total of 2,855 articles)

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Environmental sciences 176 6.2 265
Nutrition and dietetics 115 4.0 89
Ecology 110 3.9 168
Virology 104 3.6 37

Digital appendix 6
Top 10 collaborative countries

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<sup>TP R (%)</sup>: total number of articles and rank; <sup>FP R (%)</sup>: total number of first-author articles and rank; <sup>RP R (%)</sup>: total number of corresponding-author articles and rank; <sup>CPP<sub>2019</sub></sup>: citations per publication (<sup>CPP<sub>2019</sub></sup> = <sup>TC<sub>2019</sub></sup> / <sup>TP</sup>).

Digital appendix 7
Top ten collaborative institutions in overseas

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University of Melbourne, Australia  66  9 (2.3)  27 (0.39)  17 (0.46)  33
Chiang Mai University, Thailand  61  10 (2.1)  48 (0.25)  38 (0.28)  11

TP: total number of articles; TP R (%): rank of total number of articles and percentage; FP R (%): rank of first-author articles and percentage; RP R (%): rank of corresponding-author articles and percentage; CPP$_{2019}$: citations per publication (CPP$_{2019}$ = TC$_{2019}$/TP).

Digital appendix 8
Top ten productive institutes in Cambodia

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<td>National Center for HIV/AIDS</td>
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<td>7 (3.8)</td>
<td>N/A</td>
<td>7 (3.8)</td>
<td>20 (0.21)</td>
<td>N/A</td>
<td>14</td>
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<tr>
<td>Angkor Hospital for Children</td>
<td>107</td>
<td>8 (3.7)</td>
<td>N/A</td>
<td>8 (3.8)</td>
<td>5 (0.6)</td>
<td>N/A</td>
<td>18</td>
</tr>
<tr>
<td>WHO Cambodia Representative Office</td>
<td>104</td>
<td>9 (3.6)</td>
<td>N/A</td>
<td>9 (3.7)</td>
<td>15 (0.35)</td>
<td>N/A</td>
<td>31</td>
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<tr>
<td>National Institute of Public Health</td>
<td>85</td>
<td>10 (3)</td>
<td>N/A</td>
<td>10 (3)</td>
<td>12 (0.42)</td>
<td>N/A</td>
<td>14</td>
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</tbody>
</table>

TP: total number of articles; TP R (%): rank of total number of articles and percentage; IP R (%): rank of institute independent articles and percentage; CP R (%): rank of inter-institutionally collaborative articles and percentage; FP R (%): rank of first-author articles and percentage; RP R (%): rank of corresponding-author articles and percentage; CPP$_{2019}$: citations per publication (CPP$_{2019}$ = TC$_{2019}$/TP); N/A: not available

Digital appendix 9
Citation history of the top ten articles
Digital appendix 10
Top ten most productive journals

<table>
<thead>
<tr>
<th>Journals</th>
<th>TP (%)</th>
<th>IF$_{2019}$</th>
<th>Web of Science category</th>
<th>TC$_{2019}$</th>
<th>CPP$_{2019}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLoS One</td>
<td>159 (5.6)</td>
<td>2.740</td>
<td>multidisciplinary sciences</td>
<td>2 503</td>
<td>16</td>
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<tr>
<td>Malaria Journal</td>
<td>130 (4.6)</td>
<td>2.631</td>
<td>infectious diseases, parasitology, tropical medicine</td>
<td>2 712</td>
<td>21</td>
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<tr>
<td>PLoS Neglected Tropical Diseases</td>
<td>68 (2.4)</td>
<td>3.885</td>
<td>infectious diseases, parasitology, tropical medicine</td>
<td>2 652</td>
<td>39</td>
</tr>
<tr>
<td>American Journal of Tropical Medicine and Hygiene</td>
<td>49 (1.7)</td>
<td>2.126</td>
<td>public, environmental and occupational health, tropical medicine</td>
<td>1 148</td>
<td>23</td>
</tr>
<tr>
<td>Antimicrobial Agents and Chemotherapy</td>
<td>41 (1.4)</td>
<td>4.904</td>
<td>microbiology, pharmacology and pharmacy</td>
<td>1 392</td>
<td>34</td>
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<tr>
<td>Rank</td>
<td>Article titles</td>
<td>References</td>
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<td>-------------------------------------------------------------------------------</td>
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<tr>
<td>2 (943)</td>
<td>Spread of Artemisinin Resistance in <em>Plasmodium falciparum</em> Malaria</td>
<td>Ashley et al. (2014)</td>
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<tr>
<td>3 (838)</td>
<td>A molecular marker of artemisinin-resistant <em>Plasmodium falciparum</em> malaria</td>
<td>Ariey et al. (2014)</td>
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<td>4 (573)</td>
<td>Global prevalence and genotype distribution of hepatitis C virus infection in 2015: a modelling study</td>
<td>Blach et al. (2017)</td>
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<td>5 (546)</td>
<td>Estimated global mortality associated with the first 12 months of 2009 pandemic influenza A H1N1 virus circulation: a modelling study</td>
<td>Dawood et al. (2012)</td>
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<tr>
<td>6 (483)</td>
<td>Method of delivery and pregnancy outcomes in Asia: the WHO global survey on maternal and perinatal health 2007-08</td>
<td>Lumbiganon et al. (2010)</td>
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<tr>
<td>8 (406)</td>
<td>Earlier versus Later Start of Antiretroviral Therapy in HIV-Infected Adults with Tuberculosis</td>
<td>Blanc et al. (2011)</td>
<td></td>
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<tr>
<td>9 (404)</td>
<td>Genetic Characterization of Zika Virus Strains: Geographic Expansion of the Asian Lineage</td>
<td>Haddow et al. (2012)</td>
<td></td>
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<tr>
<td>10 (399)</td>
<td>Prevalence of rheumatic heart disease detected by echocardiographic screening</td>
<td>Marijon et al. (2007)</td>
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</tr>
</tbody>
</table>

Digital appendix 11
Top ten most frequently cited articles

*TP (%): rank and the percentage of number of articles; IF*$_{2019}$*: journal impact factor in 2019; TC*$_{2019}$*: the total number of citations from Web of Science Core Collection since publication year to the end of 2019; CPP*$_{2019}$*: number of citations (TC*$_{2019}$) per publication (TP).