

# Oliver Cumming

## List of Publications by Year in descending order

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Version: 2024-02-01

94  
papers

6,014  
citations

126907  
33  
h-index

79698  
73  
g-index

112  
all docs

112  
docs citations

112  
times ranked

5527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Burden of disease from inadequate water, sanitation and hygiene in low- and middle-income settings: a retrospective analysis of data from 145 countries. <i>Tropical Medicine and International Health</i> , 2014, 19, 894-905.	2.3	785
2	Effectiveness of a rural sanitation programme on diarrhoea, soil-transmitted helminth infection, and child malnutrition in Odisha, India: a cluster-randomised trial. <i>The Lancet Global Health</i> , 2014, 2, e645-e653.	6.3	396
3	Burden of disease from inadequate water, sanitation and hygiene for selected adverse health outcomes: An updated analysis with a focus on low- and middle-income countries. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 765-777.	4.3	396
4	Systematic review: Assessing the impact of drinking water and sanitation on diarrhoeal disease in low- and middle-income settings: systematic review and meta-regression. <i>Tropical Medicine and International Health</i> , 2014, 19, 928-942.	2.3	351
5	Systematic review: Hygiene and health: systematic review of handwashing practices worldwide and update of health effects. <i>Tropical Medicine and International Health</i> , 2014, 19, 906-916.	2.3	324
6	Impact of drinking water, sanitation and handwashing with soap on childhood diarrhoeal disease: updated meta-analysis and meta-regression. <i>Tropical Medicine and International Health</i> , 2018, 23, 508-525.	2.3	275
7	Open Defecation and Childhood Stunting in India: An Ecological Analysis of New Data from 112 Districts. <i>PLoS ONE</i> , 2013, 8, e73784.	2.5	224
8	Interventions to improve water quality and supply, sanitation and hygiene practices, and their effects on the nutritional status of children. <i>The Cochrane Library</i> , 2013, , CD009382.	2.8	222
9	Can water, sanitation and hygiene help eliminate stunting? Current evidence and policy implications. <i>Maternal and Child Nutrition</i> , 2016, 12, 91-105.	3.0	176
10	The implications of three major new trials for the effect of water, sanitation and hygiene on childhood diarrhea and stunting: a consensus statement. <i>BMC Medicine</i> , 2019, 17, 173.	5.5	166
11	Shared Sanitation versus Individual Household Latrines: A Systematic Review of Health Outcomes. <i>PLoS ONE</i> , 2014, 9, e93300.	2.5	116
12	Association between unhygienic menstrual management practices and prevalence of lower reproductive tract infections: a hospital-based cross-sectional study in Odisha, India. <i>BMC Infectious Diseases</i> , 2018, 18, 473.	2.9	115
13	Systematic review and meta-analysis: association between water and sanitation environment and maternal mortality. <i>Tropical Medicine and International Health</i> , 2014, 19, 368-387.	2.3	110
14	Hygiene, Sanitation, and Water: What Needs to Be Done?. <i>PLoS Medicine</i> , 2010, 7, e1000365.	8.4	100
15	Estimating Infection Risks and the Global Burden of Diarrheal Disease Attributable to Intermittent Water Supply Using QMRA. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7542-7551.	10.0	100
16	Risk of Adverse Pregnancy Outcomes among Women Practicing Poor Sanitation in Rural India: A Population-Based Prospective Cohort Study. <i>PLoS Medicine</i> , 2015, 12, e1001851.	8.4	87
17	Pit Latrine Emptying Behavior and Demand for Sanitation Services in Dar Es Salaam, Tanzania. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 2588-2611.	2.6	84
18	Estimating the impact of unsafe water, sanitation and hygiene on the global burden of disease: evolving and alternative methods. <i>Tropical Medicine and International Health</i> , 2014, 19, 884-893.	2.3	78

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19	The role of water, sanitation and hygiene interventions in reducing soil-transmitted helminths: interpreting the evidence and identifying next steps. <i>Parasites and Vectors</i> , 2019, 12, 273.	2.5	77
20	Effectiveness of interventions to improve drinking water, sanitation, and handwashing with soap on risk of diarrhoeal disease in children in low-income and middle-income settings: a systematic review and meta-analysis. <i>Lancet</i> , 2022, 400, 48-59.	13.7	77
21	Risk factors for childhood enteric infection in urban Maputo, Mozambique: A cross-sectional study. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006956.	3.0	68
22	The Sanitation Ladder, What Constitutes an Improved Form of Sanitation?. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1086-1094.	10.0	66
23	Getting the basic rights “the role of water, sanitation and hygiene in maternal and reproductive health: a conceptual framework. <i>Tropical Medicine and International Health</i> , 2015, 20, 252-267.	2.3	66
24	A controlled, before-and-after trial of an urban sanitation intervention to reduce enteric infections in children: research protocol for the Maputo Sanitation (MapSan) study, Mozambique. <i>BMJ Open</i> , 2015, 5, e008215-e008215.	1.9	61
25	Fecal Fingerprints of Enteric Pathogen Contamination in Public Environments of Kisumu, Kenya, Associated with Human Sanitation Conditions and Domestic Animals. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10263-10274.	10.0	61
26	Beyond “improved” towards “safe and sustainable” urban sanitation: assessing the design, management and functionality of sanitation in poor communities of Dar es Salaam, Tanzania. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2014, 4, 131-141.	1.8	60
27	What is the impact of water sanitation and hygiene in healthcare facilities on care seeking behaviour and patient satisfaction? A systematic review of the evidence from low-income and middle-income countries. <i>BMJ Global Health</i> , 2018, 3, e000648.	4.7	56
28	Human fecal contamination of water, soil, and surfaces in households sharing poor-quality sanitation facilities in Maputo, Mozambique. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 226, 113496.	4.3	56
29	A long way to go “Estimates of combined water, sanitation and hygiene coverage for 25 sub-Saharan African countries. <i>PLoS ONE</i> , 2017, 12, e0171783.	2.5	55
30	From Joint Thinking to Joint Action: A Call to Action on Improving Water, Sanitation, and Hygiene for Maternal and Newborn Health. <i>PLoS Medicine</i> , 2014, 11, e1001771.	8.4	53
31	Effects of an urban sanitation intervention on childhood enteric infection and diarrhea in Maputo, Mozambique: A controlled before-and-after trial. <i>ELife</i> , 2021, 10, .	6.0	44
32	Shared latrines in Maputo, Mozambique: exploring emotional well-being and psychosocial stress. <i>BMC International Health and Human Rights</i> , 2018, 18, 30.	2.5	42
33	Realities and experiences of community health volunteers as agents for behaviour change: evidence from an informal urban settlement in Kisumu, Kenya. <i>Human Resources for Health</i> , 2018, 16, 53.	3.1	41
34	Prevention and control of cholera with household and community water, sanitation and hygiene (WASH) interventions: A scoping review of current international guidelines. <i>PLoS ONE</i> , 2020, 15, e0226549.	2.5	39
35	Does Global Progress on Sanitation Really Lag behind Water? An Analysis of Global Progress on Community- and Household-Level Access to Safe Water and Sanitation. <i>PLoS ONE</i> , 2014, 9, e114699.	2.5	38
36	Does targeting children with hygiene promotion messages work? The effect of handwashing promotion targeted at children, on diarrhoea, soil-transmitted helminth infections and behaviour change, in low- and middle-income countries. <i>Tropical Medicine and International Health</i> , 2017, 22, 526-538.	2.3	34

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37	Child's play: Harnessing play and curiosity motives to improve child handwashing in a humanitarian setting. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 177-182.	4.3	34
38	Where There Is No Toilet: Water and Sanitation Environments of Domestic and Facility Births in Tanzania. <i>PLoS ONE</i> , 2014, 9, e106738.	2.5	33
39	The association between domestic animal presence and ownership and household drinking water contamination among peri-urban communities of Kisumu, Kenya. <i>PLoS ONE</i> , 2018, 13, e0197587.	2.5	32
40	Stool-Based Pathogen Detection Offers Advantages as an Outcome Measure for Water, Sanitation, and Hygiene Trials. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 260-261.	1.4	30
41	Enteric Pathogen Diversity in Infant Foods in Low-Income Neighborhoods of Kisumu, Kenya. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 506.	2.6	29
42	Heterogeneity in enterotoxigenic <i>Escherichia coli</i> and shigella infections in children under 5 years of age from 11 African countries: a subnational approach quantifying risk, mortality, morbidity, and stunting. <i>The Lancet Global Health</i> , 2020, 8, e101-e112.	6.3	29
43	Water and Sanitation in Urban America, 2017â€“2019. <i>American Journal of Public Health</i> , 2020, 110, 1567-1572.	2.7	29
44	Measuring disparities in sanitation access: does the measure matter?. <i>Tropical Medicine and International Health</i> , 2014, 19, 2-13.	2.3	27
45	Analysis of Fecal Sludges Reveals Common Enteric Pathogens in Urban Maputo, Mozambique. <i>Environmental Science and Technology Letters</i> , 2020, 7, 889-895.	8.7	27
46	The cost of a knowledge silo: a systematic re-review of water, sanitation and hygiene interventions. <i>Health Policy and Planning</i> , 2015, 30, 660-674.	2.7	26
47	The Lancet Commission on water, sanitation and hygiene, and health. <i>Lancet, The</i> , 2021, 398, 1469-1470.	13.7	26
48	Interventions to improve water supply and quality, sanitation and handwashing facilities in healthcare facilities, and their effect on healthcare-associated infections in low-income and middle-income countries: a systematic review and supplementary scoping review. <i>BMJ Global Health</i> , 2019, 4, e001632.	4.7	25
49	Impact of an intervention to improve pit latrine emptying practices in low income urban neighborhoods of Maputo, Mozambique. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 226, 113480.	4.3	24
50	Oral Contact Events and Caregiver Hand Hygiene: Implications for Fecal-Oral Exposure to Enteric Pathogens among Infants 3â€“9 Months Living in Informal, Peri-Urban Communities in Kisumu, Kenya. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 192.	2.6	23
51	Implications of WASH Benefits trials for water and sanitation. <i>The Lancet Global Health</i> , 2018, 6, e613-e614.	6.3	21
52	A localized sanitation status index as a proxy for fecal contamination in urban Maputo, Mozambique. <i>PLoS ONE</i> , 2019, 14, e0224333.	2.5	21
53	The potential for atmospheric water harvesting to accelerate household access to safe water. <i>Lancet Planetary Health, The</i> , 2020, 4, e91-e92.	11.4	20
54	Editorial: Can we afford to overlook hand hygiene again?. <i>Tropical Medicine and International Health</i> , 2013, 18, 246-249.	2.3	19

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55	The landscape of enteric pathogen exposure of young children in public domains of low-income, urban Kenya: The influence of exposure pathway and spatial range of play on multi-pathogen exposure risks. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007292.	3.0	18
56	Shared Sanitation Management and the Role of Social Capital: Findings from an Urban Sanitation Intervention in Maputo, Mozambique. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2222.	2.6	16
57	Gut carriage of antimicrobial resistance genes among young children in urban Maputo, Mozambique: Associations with enteric pathogen carriage and environmental risk factors. <i>PLoS ONE</i> , 2019, 14, e0225464.	2.5	16
58	Impact of an Urban Sanitation Intervention on Enteric Pathogen Detection in Soils. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9989-10000.	10.0	16
59	Role, ownership and presence of domestic animals in peri-urban households of Kisumu, Kenya. <i>Zoonoses and Public Health</i> , 2018, 65, 202-214.	2.2	15
60	Barriers and opportunities experienced by staff when implementing infection prevention and control guidelines during labour and delivery in healthcare facilities in Nigeria. <i>Journal of Hospital Infection</i> , 2019, 103, 428-434.	2.9	15
61	Factors Associated with Water Service Continuity for the Rural Populations of Bangladesh, Pakistan, Ethiopia, and Mozambique. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4355-4363.	10.0	15
62	The Safe Start trial to assess the effect of an infant hygiene intervention on enteric infections and diarrhoea in low-income informal neighbourhoods of Kisumu, Kenya: a study protocol for a cluster randomized controlled trial. <i>BMC Infectious Diseases</i> , 2019, 19, 1066.	2.9	15
63	How does sanitation influence people's quality of life? Qualitative research in low-income areas of Maputo, Mozambique. <i>Social Science and Medicine</i> , 2021, 272, 113709.	3.8	15
64	Effectiveness of behaviour change techniques used in hand hygiene interventions targeting older children – A systematic review. <i>Social Science and Medicine</i> , 2021, 281, 114090.	3.8	15
65	Quantitative Microbial Risk Assessment of Pediatric Infections Attributable to Ingestion of Fecally Contaminated Domestic Soils in Low-Income Urban Maputo, Mozambique. <i>Environmental Science &amp; Technology</i> , 2021, 55, 1941-1952.	10.0	15
66	The sanitation imperative: A strategic response to a development crisis. <i>Desalination</i> , 2009, 248, 8-13.	8.2	14
67	Hygiene During Childbirth: An Observational Study to Understand Infection Risk in Healthcare Facilities in Kogi and Ebonyi States, Nigeria. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1301.	2.6	14
68	Distribution of hygiene kits during a cholera outbreak in Kasaï-Oriental, Democratic Republic of Congo: a process evaluation. <i>Conflict and Health</i> , 2020, 14, 51.	2.7	14
69	Designing a Food Hygiene Intervention in Low-Income, Peri-Urban Context of Kisumu, Kenya: Application of the Trials of Improved Practices Methodology. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 1116-1123.	1.4	14
70	Prevalence and diversity of enteric pathogens among cholera treatment centre patients with acute diarrhea in Uvira, Democratic Republic of Congo. <i>BMC Infectious Diseases</i> , 2020, 20, 741.	2.9	13
71	Risk factors for child food contamination in low-income neighbourhoods of Maputo, Mozambique: An exploratory, cross-sectional study. <i>Maternal and Child Nutrition</i> , 2020, 16, e12991.	3.0	13
72	Where Shared Sanitation is the Only Immediate Option: A Research Agenda for Shared Sanitation in Densely Populated Low-Income Urban Settings. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 429-432.	1.4	13

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73	Infant Food Hygiene and Childcare Practices in Context: Findings from an Urban Informal Settlement in Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 220-222.	1.4	13
74	Child handwashing in an internally displaced persons camp in Northern Iraq: A qualitative multi-method exploration of motivational drivers and other handwashing determinants. <i>PLoS ONE</i> , 2020, 15, e0228482.	2.5	11
75	Milk Product Safety and Household Food Hygiene Influence Bacterial Contamination of Infant Food in Peri-Urban Kenya. <i>Frontiers in Public Health</i> , 2021, 9, 772892.	2.7	11
76	Impacts of an Urban Sanitation Intervention on Fecal Indicators and the Prevalence of Human Fecal Contamination in Mozambique. <i>Environmental Science &amp; Technology</i> , 2021, 55, 11667-11679.	10.0	10
77	Confirmation of cholera by rapid diagnostic test amongst patients admitted to the cholera treatment centre in Uvira, Democratic Republic of the Congo. <i>PLoS ONE</i> , 2018, 13, e0201306.	2.5	9
78	Experiences of capacity strengthening in sanitation and hygiene research in Africa and Asia: the SHARE Research Consortium. <i>Health Research Policy and Systems</i> , 2019, 17, 77.	2.8	8
79	Predicting quality and quantity of water used by urban households based on tap water service. <i>Npj Clean Water</i> , 2019, 2, .	8.0	8
80	Hygiene along the continuum of care in the early post-natal period: an observational study in Nigeria. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 589.	2.4	8
81	Using path analysis to test theory of change: a quantitative process evaluation of the MapSan trial. <i>BMC Public Health</i> , 2021, 21, 1411.	2.9	8
82	Measuring and valuing broader impacts in public health: Development of a sanitation-related quality of life instrument in Maputo, Mozambique. <i>Health Economics (United Kingdom)</i> , 2022, 31, 466-480.	1.7	8
83	Effectiveness of hygiene kit distribution to reduce cholera transmission in Kasaï-Oriental, Democratic Republic of Congo, 2018: a prospective cohort study. <i>BMJ Open</i> , 2021, 11, e050943.	1.9	7
84	Determinants of clean birthing practices in low- and middle-income countries: a scoping review. <i>BMC Public Health</i> , 2020, 20, 602.	2.9	6
85	Water, sanitation and hygiene interventions and the prevention and treatment of childhood acute malnutrition: A systematic review. <i>Maternal and Child Nutrition</i> , 2022, 18, e13257.	3.0	6
86	Bacteroides Microbial Source Tracking Markers Perform Poorly in Predicting Enterobacteriaceae and Enteric Pathogen Contamination of Cow Milk Products and Milk-Containing Infant Food. <i>Frontiers in Microbiology</i> , 2021, 12, 778921.	3.5	6
87	Higher vaginal pH in <i>Trichomonas vaginalis</i> infection with intermediate Nugent score in reproductive-age women—a hospital-based cross-sectional study in Odisha, India. <i>Parasitology Research</i> , 2018, 117, 2735-2742.	1.6	5
88	The effect of behavioural interventions targeting hand hygiene practices among nurses in high-income hospital settings: a systematic review. <i>Public Health Reviews</i> , 2020, 41, 29.	3.2	5
89	Identifying transferable lessons from cholera epidemic responses by Médecins Sans Frontières in Mozambique, Malawi and the Democratic Republic of Congo, 2015–2018: a scoping review. <i>Conflict and Health</i> , 2022, 16, 12.	2.7	5
90	Risk factors for early childhood growth faltering in rural Cambodia: a cross-sectional study. <i>BMJ Open</i> , 2022, 12, e058092.	1.9	4

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91	The impact of improved water supply on cholera and diarrhoeal diseases in Uvira, Democratic Republic of the Congo: a protocol for a pragmatic stepped-wedge cluster randomised trial and economic evaluation. <i>Trials</i> , 2021, 22, 408.	1.6	2
92	Every rung countsâ€“A retrospective analysis of global sanitation progress across the service-level ladder under the MDGs. , 2022, 1, e0000002.		1
93	The H in WASH: a reflection on the contribution, style and legacy of Professor Val Curtis. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2020, 10, 1037-1040.	1.8	0
94	Human fecal contamination of the domestic environment and child enteric infection in urban Maputo, Mozambique. <i>ISEE Conference Abstracts</i> , 2020, 2020, .	0.0	0