Oliver Cumming

List of Publications by Year
in descending order

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94 papers	6,014 citations	145106 33 h-index	90395 73 g-index
112 all docs	112 docs citations	112 times ranked	5998 citing authors

#	Article	IF	Citations
1	Water, sanitation and hygiene interventions and the prevention and treatment of childhood acute malnutrition: A systematic review. Maternal and Child Nutrition, 2022, 18, e13257.	1.4	6
2	Every rung countsâ€"A retrospective analysis of global sanitation progress across the service-level ladder under the MDGs. , 2022, 1, e0000002.		1
3	Identifying transferable lessons from cholera epidemic responses by MÃ©decins Sans FrontiÃ¨res in Mozambique, Malawi and the Democratic Republic of Congo, 2015â€"2018: a scoping review. Conflict and Health, 2022, 16, 12.	1.0	5
4	Risk factors for early childhood growth faltering in rural Cambodia: a cross-sectional study. BMJ Open, 2022, 12, e058092.	0.8	4
5	Measuring and valuing broader impacts in public health: Development of a sanitationâ€related quality of life instrument in Maputo, Mozambique. Health Economics (United Kingdom), 2022, 31, 466-480.	0.8	8
6	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. Lancet, The, 2022, 400, 48-59.	6.3	77
7	Where Shared Sanitation is the Only Immediate Option: A Research Agenda for Shared Sanitation in Densely Populated Low-Income Urban Settings. American Journal of Tropical Medicine and Hygiene, 2021, 104, 429-432.	0.6	13
8	How does sanitation influence people's quality of life? Qualitative research in low-income areas of Maputo, Mozambique. Social Science and Medicine, 2021, 272, 113709.	1.8	15
9	Effects of an urban sanitation intervention on childhood enteric infection and diarrhea in Maputo, Mozambique: A controlled before-and-after trial. ELife, 2021, 10, .	2.8	44
10	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. Trials, 2021, 22, 408.	0.7	2
11	Effectiveness of behaviour change techniques used in hand hygiene interventions targeting older children â€" A systematic review. Social Science and Medicine, 2021, 281, 114090.	1.8	15
12	Impact of an Urban Sanitation Intervention on Enteric Pathogen Detection in Soils. Environmental Science & Technology, 2021, 55, 9989-10000.	4.6	16
13	Using path analysis to test theory of change: a quantitative process evaluation of the MapSan trial. BMC Public Health, 2021, 21, 1411.	1.2	8
14	Impacts of an Urban Sanitation Intervention on Fecal Indicators and the Prevalence of Human Fecal Contamination in Mozambique. Environmental Science & Technology, 2021, 55, 11667-11679.	4.6	10
15	The Lancet Commission on water, sanitation and hygiene, and health. Lancet, The, 2021, 398, 1469-1470.	6.3	26
16	Quantitative Microbial Risk Assessment of Pediatric Infections Attributable to Ingestion of Fecally Contaminated Domestic Soils in Low-Income Urban Maputo, Mozambique. Environmental Science & Technology, 2021, 55, 1941-1952.	4.6	15
17	Effectiveness of hygiene kit distribution to reduce cholera transmission in KasaÃ¯-Oriental, Democratic Republic of Congo, 2018: a prospective cohort study. BMJ Open, 2021, 11, e050943.	0.8	7
18	Bacteroides Microbial Source Tracking Markers Perform Poorly in Predicting Enterobacteriaceae and Enteric Pathogen Contamination of Cow Milk Products and Milk-Containing Infant Food. Frontiers in Microbiology, 2021, 12, 778921.	1.5	6

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19	Milk Product Safety and Household Food Hygiene Influence Bacterial Contamination of Infant Food in Peri-Urban Kenya. Frontiers in Public Health, 2021, 9, 772892.	1.3	11
20	Prevention and control of cholera with household and community water, sanitation and hygiene (WASH) interventions: A scoping review of current international guidelines. PLoS ONE, 2020, 15, e0226549.	1.1	39
21	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. The Lancet Global Health, 2020, 8, e101-e112.	2.9	29
22	Analysis of Fecal Sludges Reveals Common Enteric Pathogens in Urban Maputo, Mozambique. Environmental Science and Technology Letters, 2020, 7, 889-895.	3.9	27
23	Hygiene along the continuum of care in the early post-natal period: an observational study in Nigeria. BMC Pregnancy and Childbirth, 2020, 20, 589.	0.9	8
24	Distribution of hygiene kits during a cholera outbreak in KasaÃ¯-Oriental, Democratic Republic of Congo: a process evaluation. Conflict and Health, 2020, 14, 51.	1.0	14
25	Prevalence and diversity of enteric pathogens among cholera treatment centre patients with acute diarrhea in Uvira, Democratic Republic of Congo. BMC Infectious Diseases, 2020, 20, 741.	1.3	13
26	Water and Sanitation in Urban America, 2017â€“2019. American Journal of Public Health, 2020, 110, 1567-1572.	1.5	29
27	The effect of behavioural interventions targeting hand hygiene practices among nurses in high-income hospital settings: a systematic review. Public Health Reviews, 2020, 41, 29.	1.3	5
28	Determinants of clean birthing practices in low- and middle-income countries: a scoping review. BMC Public Health, 2020, 20, 602.	1.2	6
29	Risk factors for child food contamination in lowâ€income neighbourhoods of Maputo, Mozambique: An exploratory, crossâ€sectional study. Maternal and Child Nutrition, 2020, 16, e12991.	1.4	13
30	Human fecal contamination of water, soil, and surfaces in households sharing poor-quality sanitation facilities in Maputo, Mozambique. International Journal of Hygiene and Environmental Health, 2020, 226, 113496.	2.1	56
31	Child handwashing in an internally displaced persons camp in Northern Iraq: A qualitative multi-method exploration of motivational drivers and other handwashing determinants. PLoS ONE, 2020, 15, e0228482.	1.1	11
32	Impact of an intervention to improve pit latrine emptying practices in low income urban neighborhoods of Maputo, Mozambique. International Journal of Hygiene and Environmental Health, 2020, 226, 113480.	2.1	24
33	The potential for atmospheric water harvesting to accelerate household access to safe water. Lancet Planetary Health, The, 2020, 4, e91-e92.	5.1	20
34	Infant Food Hygiene and Childcare Practices in Context: Findings from an Urban Informal Settlement in Kenya. American Journal of Tropical Medicine and Hygiene, 2020, 102, 220-222.	0.6	13
35	Stool-Based Pathogen Detection Offers Advantages as an Outcome Measure for Water, Sanitation, and Hygiene Trials. American Journal of Tropical Medicine and Hygiene, 2020, 102, 260-261.	0.6	30
36	Designing a Food Hygiene Intervention in Low-Income, Peri-Urban Context of Kisumu, Kenya: Application of the Trials of Improved Practices Methodology. American Journal of Tropical Medicine and Hygiene, 2020, 102, 1116-1123.	0.6	14

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37	The H in WASH: a reflection on the contribution, style and legacy of Professor Val Curtis. Journal of Water Sanitation and Hygiene for Development, 2020, 10, 1037-1040.	0.7	0
38	Human fecal contamination of the domestic environment and child enteric infection in urban Maputo, Mozambique. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
39	Barriers and opportunities experienced by staff when implementing infection prevention and control guidelines during labour and delivery in healthcare facilities in Nigeria. Journal of Hospital Infection, 2019, 103, 428-434.	1.4	15
40	Experiences of capacity strengthening in sanitation and hygiene research in Africa and Asia: the SHARE Research Consortium. Health Research Policy and Systems, 2019, 17, 77.	1.1	8
41	A localized sanitation status index as a proxy for fecal contamination in urban Maputo, Mozambique. PLoS ONE, 2019, 14, e0224333.	1.1	21
42	The implications of three major new trials for the effect of water, sanitation and hygiene on childhood diarrhea and stunting: a consensus statement. BMC Medicine, 2019, 17, 173.	2.3	166
43	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. PLoS Neglected Tropical Diseases, 2019, 13, e0007292.	1.3	18
44	The role of water, sanitation and hygiene interventions in reducing soil-transmitted helminths: interpreting the evidence and identifying next steps. Parasites and Vectors, 2019, 12, 273.	1.0	77
45	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. International Journal of Hygiene and Environmental Health, 2019, 222, 765-777.	2.1	396
46	Hygiene During Childbirth: An Observational Study to Understand Infection Risk in Healthcare Facilities in Kogi and Ebonyi States, Nigeria. International Journal of Environmental Research and Public Health, 2019, 16, 1301.	1.2	14
47	Factors Associated with Water Service Continuity for the Rural Populations of Bangladesh, Pakistan, Ethiopia, and Mozambique. Environmental Science & Technology, 2019, 53, 4355-4363.	4.6	15
48	Enteric Pathogen Diversity in Infant Foods in Low-Income Neighborhoods of Kisumu, Kenya. International Journal of Environmental Research and Public Health, 2019, 16, 506.	1.2	29
49	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. BMJ Global Health, 2019, 4, e001632.	2.0	25
50	Gut carriage of antimicrobial resistance genes among young children in urban Maputo, Mozambique: Associations with enteric pathogen carriage and environmental risk factors. PLoS ONE, 2019, 14, e0225464.	1.1	16
51	Predicting quality and quantity of water used by urban households based on tap water service. Npj Clean Water, 2019, 2, .	3.1	8
52	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. BMC Infectious Diseases, 2019, 19, 1066.	1.3	15
53	Child's play: Harnessing play and curiosity motives to improve child handwashing in a humanitarian setting. International Journal of Hygiene and Environmental Health, 2019, 222, 177-182.	2.1	34
54	Impact of drinking water, sanitation and handwashing with soap on childhood diarrhoeal disease: updated metaâ€anâ€analysis and metaâ€regression. Tropical Medicine and International Health, 2018, 23, 508-525.	1.0	275

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55	Role, ownership and presence of domestic animals in periâ€urban households of Kisumu, Kenya. Zoonoses and Public Health, 2018, 65, 202-214.	0.9	15
56	Risk factors for childhood enteric infection in urban Maputo, Mozambique: A cross-sectional study. PLoS Neglected Tropical Diseases, 2018, 12, e0006956.	1.3	68
57	Shared Sanitation Management and the Role of Social Capital: Findings from an Urban Sanitation Intervention in Maputo, Mozambique. International Journal of Environmental Research and Public Health, 2018, 15, 2222.	1.2	16
58	Shared latrines in Maputo, Mozambique: exploring emotional well-being and psychosocial stress. BMC International Health and Human Rights, 2018, 18, 30.	2.5	42
59	The association between domestic animal presence and ownership and household drinking water contamination among peri-urban communities of Kisumu, Kenya. PLoS ONE, 2018, 13, e0197587.	1.1	32
60	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. International Journal of Environmental Research and Public Health, 2018, 15, 192.	1.2	23
61	Association between unhygienic menstrual management practices and prevalence of lower reproductive tract infections: a hospital-based cross-sectional study in Odisha, India. BMC Infectious Diseases, 2018, 18, 473.	1.3	115
62	Realities and experiences of community health volunteers as agents for behaviour change: evidence from an informal urban settlement in Kisumu, Kenya. Human Resources for Health, 2018, 16, 53.	1.1	41
63	Higher vaginal pH in Trichomonas vaginalis infection with intermediate Nugent score in reproductive-age womenâ€”a hospital-based cross-sectional study in Odisha, India. Parasitology Research, 2018, 117, 2735-2742.	0.6	5
64	Confirmation of cholera by rapid diagnostic test amongst patients admitted to the cholera treatment centre in Uvira, Democratic Republic of the Congo. PLoS ONE, 2018, 13, e0201306.	1.1	9
65	Fecal Fingerprints of Enteric Pathogen Contamination in Public Environments of Kisumu, Kenya, Associated with Human Sanitation Conditions and Domestic Animals. Environmental Science & Technology, 2018, 52, 10263-10274.	4.6	61
66	Implications of WASH Benefits trials for water and sanitation. The Lancet Global Health, 2018, 6, e613-e614.	2.9	21
67	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. BMJ Global Health, 2018, 3, e000648.	2.0	56
68	Does targeting children with hygiene promotion messages work? The effect of handwashing promotion targeted at children, on diarrhoea, soilâ€transmitted helminth infections and behaviour change, in lowâ€and middleâ€income countries. Tropical Medicine and International Health, 2017, 22, 526-538.	1.0	34
69	Estimating Infection Risks and the Global Burden of Diarrheal Disease Attributable to Intermittent Water Supply Using QMRA. Environmental Science & Technology, 2017, 51, 7542-7551.	4.6	100
70	A long way to go â€“ Estimates of combined water, sanitation and hygiene coverage for 25 sub-Saharan African countries. PLoS ONE, 2017, 12, e0171783.	1.1	55
71	Can water, sanitation and hygiene help eliminate stunting? Current evidence and policy implications. Maternal and Child Nutrition, 2016, 12, 91-105.	1.4	176
72	Pit Latrine Emptying Behavior and Demand for Sanitation Services in Dar Es Salaam, Tanzania. International Journal of Environmental Research and Public Health, 2015, 12, 2588-2611.	1.2	84

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73	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. BMJ Open, 2015, 5, e008215-e008215.	0.8	61
74	The Sanitation Ladder, What Constitutes an Improved Form of Sanitation?. Environmental Science & Technology, 2015, 49, 1086-1094.	4.6	66
75	Getting the basic rights â€“ the role of water, sanitation and hygiene in maternal and reproductive health: a conceptual framework. Tropical Medicine and International Health, 2015, 20, 252-267.	1.0	66
76	The cost of a knowledge silo: a systematic re-review of water, sanitation and hygiene interventions. Health Policy and Planning, 2015, 30, 660-674.	1.0	26
77	Risk of Adverse Pregnancy Outcomes among Women Practicing Poor Sanitation in Rural India: A Population-Based Prospective Cohort Study. PLoS Medicine, 2015, 12, e1001851.	3.9	87
78	From Joint Thinking to Joint Action: A Call to Action on Improving Water, Sanitation, and Hygiene for Maternal and Newborn Health. PLoS Medicine, 2014, 11, e1001771.	3.9	53
79	Estimating the impact of unsafe water, sanitation and hygiene on the global burden of disease: evolving and alternative methods. Tropical Medicine and International Health, 2014, 19, 884-893.	1.0	78
80	Measuring disparities in sanitation access: does the measure matter?. Tropical Medicine and International Health, 2014, 19, 2-13.	1.0	27
81	Systematic review and metaâ€•analysis: association between water and sanitation environment and maternal mortality. Tropical Medicine and International Health, 2014, 19, 368-387.	1.0	110
82	Systematic review: Hygiene and health: systematic review of handwashing practices worldwide and update of health effects. Tropical Medicine and International Health, 2014, 19, 906-916.	1.0	324
83	Burden of disease from inadequate water, sanitation and hygiene in lowâ€•and middleâ€•income settings: a retrospective analysis of data from 145 countries. Tropical Medicine and International Health, 2014, 19, 894-905.	1.0	785
84	Systematic review: Assessing the impact of drinking water and sanitation on diarrhoeal disease in lowâ€• and middleâ€•income settings: systematic review and metaâ€•regression. Tropical Medicine and International Health, 2014, 19, 928-942.	1.0	351
85	Effectiveness of a rural sanitation programme on diarrhoea, soil-transmitted helminth infection, and child malnutrition in Odisha, India: a cluster-randomised trial. The Lancet Global Health, 2014, 2, e645-e653.	2.9	396
86	Beyond â€˜improvedâ€™ towards â€˜safe and sustainableâ€™ urban sanitation: assessing the design, management and functionality of sanitation in poor communities of Dar es Salaam, Tanzania. Journal of Water Sanitation and Hygiene for Development, 2014, 4, 131-141.	0.7	60
87	Shared Sanitation versus Individual Household Latrines: A Systematic Review of Health Outcomes. PLoS ONE, 2014, 9, e93300.	1.1	116
88	Where There Is No Toilet: Water and Sanitation Environments of Domestic and Facility Births in Tanzania. PLoS ONE, 2014, 9, e106738.	1.1	33
89	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. PLoS ONE, 2014, 9, e114699.	1.1	38
90	Interventions to improve water quality and supply, sanitation and hygiene practices, and their effects on the nutritional status of children. The Cochrane Library, 2013, , CD009382.	1.5	222

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91	Editorial: Can we afford to overlook hand hygiene again?. Tropical Medicine and International Health, 2013, 18, 246-249.	1.0	19
92	Open Defecation and Childhood Stunting in India: An Ecological Analysis of New Data from 112 Districts. PLoS ONE, 2013, 8, e73784.	1.1	224
93	Hygiene, Sanitation, and Water: What Needs to Be Done?. PLoS Medicine, 2010, 7, e1000365.	3.9	100
94	The sanitation imperative: A strategic response to a development crisis. Desalination, 2009, 248, 8-13.	4.0	14