

# Ryan D Cronk

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,157  
citations

279487

23  
h-index

233125

45  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fecal Contamination of Drinking-Water in Low- and Middle-Income Countries: A Systematic Review and Meta-Analysis. <i>PLoS Medicine</i> , 2014, 11, e1001644.	3.9	401
2	Global assessment of exposure to faecal contamination through drinking water based on a systematic review. <i>Tropical Medicine and International Health</i> , 2014, 19, 917-927.	1.0	322
3	Seasonal variation of fecal contamination in drinking water sources in developing countries: A systematic review. <i>Science of the Total Environment</i> , 2015, 514, 333-343.	3.9	161
4	Association of Supply Type with Fecal Contamination of Source Water and Household Stored Drinking Water in Developing Countries: A Bivariate Meta-analysis. <i>Environmental Health Perspectives</i> , 2015, 123, 1222-1231.	2.8	105
5	Environmental conditions in health care facilities in low- and middle-income countries: Coverage and inequalities. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 409-422.	2.1	95
6	Understanding handpump sustainability: Determinants of rural water source functionality in the greater Afram Plains region of Ghana. <i>Water Resources Research</i> , 2015, 51, 8431-8449.	1.7	90
7	Monitoring drinking water, sanitation, and hygiene in non-household settings: Priorities for policy and practice. <i>International Journal of Hygiene and Environmental Health</i> , 2015, 218, 694-703.	2.1	68
8	Seasonality, water use and community management of water systems in rural settings: Qualitative evidence from Ghana, Kenya, and Zambia. <i>Science of the Total Environment</i> , 2018, 628-629, 715-721.	3.9	55
9	Factors Influencing Water System Functionality in Nigeria and Tanzania: A Regression and Bayesian Network Analysis. <i>Environmental Science &amp; Technology</i> , 2017, 51, 11336-11345.	4.6	53
10	Water, Sanitation, and Hygiene in Schools in Low Socio-Economic Regions in Nicaragua: A Cross-Sectional Survey. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 6197-6217.	1.2	41
11	The role of social capital and sense of ownership in rural community-managed water systems: Qualitative evidence from Ghana, Kenya, and Zambia. <i>Journal of Rural Studies</i> , 2017, 56, 156-166.	2.1	40
12	A systematic scoping review of environmental health conditions and hygiene behaviors in homeless shelters. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 335-346.	2.1	38
13	The Enabling Environment for Participation in Water and Sanitation: A Conceptual Framework. <i>Water (Switzerland)</i> , 2019, 11, 308.	1.2	37
14	How we assess water safety: A critical review of sanitary inspection and water quality analysis. <i>Science of the Total Environment</i> , 2020, 718, 137237.	3.9	37
15	A Systematic Review and Meta-Analysis of Fecal Contamination and Inadequate Treatment of Packaged Water. <i>PLoS ONE</i> , 2015, 10, e0140899.	1.1	35
16	A systematic review of waterborne infections from nontuberculous mycobacteria in health care facility water systems. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 611-620.	2.1	34
17	A categorization of water system breakdowns: Evidence from Liberia, Nigeria, Tanzania, and Uganda. <i>Science of the Total Environment</i> , 2018, 619-620, 1126-1132.	3.9	34
18	Resource mobilization for community-managed rural water systems: Evidence from Ghana, Kenya, and Zambia. <i>Journal of Cleaner Production</i> , 2017, 156, 437-444.	4.6	32

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19	External support programs to improve rural drinking water service sustainability: A systematic review. <i>Science of the Total Environment</i> , 2019, 670, 717-731.	3.9	29
20	Improving water, sanitation, and hygiene in schools in Indonesia: A cross-sectional assessment on sustaining infrastructural and behavioral interventions. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 539-550.	2.1	28
21	Water system hardware and management rehabilitation: Qualitative evidence from Ghana, Kenya, and Zambia. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 531-538.	2.1	28
22	Indicators for Monitoring Water, Sanitation, and Hygiene: A Systematic Review of Indicator Selection Methods. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 333.	1.2	27
23	Rethinking Sustainability, Scaling Up, and Enabling Environment: A Framework for Their Implementation in Drinking Water Supply. <i>Water (Switzerland)</i> , 2015, 7, 1497-1514.	1.2	25
24	Health Risk Perceptions Are Associated with Domestic Use of Basic Water and Sanitation Services—Evidence from Rural Ethiopia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2112.	1.2	25
25	Factors associated with water quality, sanitation, and hygiene in rural schools in 14 low- and middle-income countries. <i>Science of the Total Environment</i> , 2021, 761, 144226.	3.9	23
26	Geographical inequalities in drinking water in the Solomon Islands. <i>Science of the Total Environment</i> , 2020, 712, 135241.	3.9	22
27	A systematic scoping review of environmental health conditions in penal institutions. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 790-803.	2.1	19
28	Improving Monitoring and Water Point Functionality in Rural Ethiopia. <i>Water (Switzerland)</i> , 2018, 10, 1591.	1.2	18
29	Lack of toilets and safe water in health-care facilities. <i>Bulletin of the World Health Organization</i> , 2015, 93, 210-210.	1.5	17
30	A systematic scoping review of hygiene behaviors and environmental health conditions in institutional care settings for orphaned and abandoned children. <i>Science of the Total Environment</i> , 2019, 658, 1161-1174.	3.9	17
31	Environmental health in forced displacement: A systematic scoping review of the emergency phase. <i>Science of the Total Environment</i> , 2020, 714, 136553.	3.9	17
32	A systematic review of nosocomial waterborne infections in neonates and mothers. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 1199-1206.	2.1	15
33	Budgeting for Environmental Health Services in Healthcare Facilities: A Ten-Step Model for Planning and Costing. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2075.	1.2	15
34	Identifying opportunities to improve piped water continuity and water system monitoring in Honduras, Nicaragua, and Panama: Evidence from Bayesian networks and regression analysis. <i>Journal of Cleaner Production</i> , 2018, 196, 1-10.	4.6	14
35	Environmental health conditions in protracted displacement: A systematic scoping review. <i>Science of the Total Environment</i> , 2020, 726, 138234.	3.9	14
36	Safe Healthcare Facilities: A Systematic Review on the Costs of Establishing and Maintaining Environmental Health in Facilities in Low- and Middle-Income Countries. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 817.	1.2	12

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37	Sanitary inspection, microbial water quality analysis, and water safety in handpumps in rural sub-Saharan Africa. <i>Npj Clean Water</i> , 2021, 4, .	3.1	12
38	Improving environmental conditions for involuntarily displaced populations: water, sanitation, and hygiene in orphanages, prisons, and refugee and IDP settlements. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2018, 8, 785-791.	0.7	11
39	Microbial contamination of non-household drinking water sources: a systematic review. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2018, 8, 374-385.	0.7	10
40	Factors associated with safe child feces disposal in Ethiopia, India, and Zambia. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 237, 113832.	2.1	10
41	Evaluating Mobile Survey Tools (MSTs) for Field-Level Monitoring and Data Collection: Development of a Novel Evaluation Framework, and Application to MSTs for Rural Water and Sanitation Monitoring. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 840.	1.2	9
42	Adapting Translational Research Methods to Water, Sanitation, and Hygiene. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4049.	1.2	9
43	Healthcare provider satisfaction with environmental conditions in rural healthcare facilities of 14 low- and middle-income countries. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 236, 113802.	2.1	9
44	Evidence Map and Systematic Review of Disinfection Efficacy on Environmental Surfaces in Healthcare Facilities. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11100.	1.2	8
45	Energy access in Malawian healthcare facilities: consequences for health service delivery and environmental health conditions. <i>Health Policy and Planning</i> , 2020, 35, 142-152.	1.0	7
46	Environmental health conditions in the transitional stage of forcible displacement: A systematic scoping review. <i>Science of the Total Environment</i> , 2021, 762, 143136.	3.9	7
47	Measuring household hygiene access and handwashing behaviors: Findings from 14 low- and middle-income countries. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 237, 113810.	2.1	4
48	Assessing Progress towards Public Health, Human Rights, and International Development Goals Using Frontier Analysis. <i>PLoS ONE</i> , 2016, 11, e0147663.	1.1	4
49	Community management does not equate to participation: fostering community participation in rural water supplies. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2021, 11, 937-947.	0.7	3
50	Application of tools to monitor environmental conditions, identify exposures, and inform decision-making to improve infection prevention and control practices in Malawian maternity wards. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 134.	1.3	2
51	Environmental conditions in maternity wards: Evidence from rural healthcare facilities in 14 low- and middle-income countries. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 232, 113681.	2.1	2
52	Development and application of tools to cost the delivery of environmental health services in healthcare facilities: a financial analysis in urban Malawi. <i>BMC Health Services Research</i> , 2021, 21, 329.	0.9	2
53	A qualitative study of barriers and facilitators to adequate environmental health conditions and infection control for healthcare workers in Malawi. <i>H2Open Journal</i> , 0, , .	0.8	2
54	Role of cleaners in establishing and maintaining essential environmental conditions in healthcare facilities in Malawi. <i>Journal of Water Sanitation and Hygiene for Development</i> , 0, , .	0.7	2

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55	A toolkit for costing environmental health services in healthcare facilities. Journal of Water Sanitation and Hygiene for Development, 2021, 11, 668-675.	0.7	1