

Katherine F Shields

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,257
citations

236833

25
h-index

289141

40
g-index

41
all docs

41
docs citations

41
times ranked

3610
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Geographical inequalities in drinking water in the Solomon Islands. <i>Science of the Total Environment</i> , 2020, 712, 135241.	3.9	22
3	Mitigating drought impacts in remote island atolls with traditional water usage behaviors and modern technology. <i>Science of the Total Environment</i> , 2020, 741, 140230.	3.9	12
4	Urban and rural sanitation in the Solomon Islands: How resilient are these to extreme weather events?. <i>Science of the Total Environment</i> , 2019, 683, 331-340.	3.9	24
5	The Enabling Environment for Participation in Water and Sanitation: A Conceptual Framework. <i>Water (Switzerland)</i> , 2019, 11, 308.	1.2	37
6	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
7	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
8	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
9	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
10	Policy review of the means of implementation targets and indicators for the sustainable development goal for water and sanitation. <i>Npj Clean Water</i> , 2018, 1, .	3.1	55
11	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
12	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
13	The true costs of participatory sanitation: Evidence from community-led total sanitation studies in Ghana and Ethiopia. <i>Science of the Total Environment</i> , 2017, 601-602, 1075-1083.	3.9	22
14	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
15	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
16	Temporal and thematic trends in water, sanitation and hygiene (WASH) research in Pacific Island Countries: a systematic review. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2017, 7, 352-368.	0.7	23
17	Multiple Household Water Sources and Their Use in Remote Communities With Evidence From Pacific Island Countries. <i>Water Resources Research</i> , 2017, 53, 9106-9117.	1.7	60
18	Sanitation marketing: A systematic review and theoretical critique using the capability approach. <i>Social Science and Medicine</i> , 2017, 194, 128-134.	1.8	17

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19	Investigating Multiple Household Water Sources and Uses with a Computer-Assisted Personal Interviewing (CAPI) Survey. <i>Water (Switzerland)</i> , 2016, 8, 574.	1.2	13
20	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
21	Impact Evaluation of Training Natural Leaders during a Community-Led Total Sanitation Intervention: A Cluster-Randomized Field Trial in Ghana. <i>Environmental Science & Technology</i> , 2016, 50, 8867-8875.	4.6	49
22	Climate Change and Water and Sanitation: Likely Impacts and Emerging Trends for Action. <i>Annual Review of Environment and Resources</i> , 2016, 41, 253-276.	5.6	129
23	Building capacity for water, sanitation, and hygiene programming: Training evaluation theory applied to CLTS management training in Kenya. <i>Social Science and Medicine</i> , 2016, 166, 66-76.	1.8	24
24	Addressing WaSH challenges in Pacific Island Countries: A participatory marketing systems mapping approach to empower informal settlement community action. <i>Habitat International</i> , 2016, 55, 159-166.	2.3	14
25	On-plot drinking water supplies and health: A systematic review. <i>International Journal of Hygiene and Environmental Health</i> , 2016, 219, 317-330.	2.1	47
26	Understanding handpump sustainability: Determinants of rural water source functionality in the greater Accra plains region of Ghana. <i>Water Resources Research</i> , 2015, 51, 8431-8449.	1.7	90
27	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
28	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
29	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
30	Global Monitoring of Water Supply and Sanitation: History, Methods and Future Challenges. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 8137-8165.	1.2	185
31	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
32	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.	1.0	785
33	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
34	Examining the influence of urban definition when assessing relative safety of drinking-water in Nigeria. <i>Science of the Total Environment</i> , 2014, 490, 301-312.	3.9	26
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.	1.1	38
36	Global Access to Safe Water: Accounting for Water Quality and the Resulting Impact on MDG Progress. <i>World Health & Population</i> , 2013, 14, 32-44.	0.2	17

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37	Toward a Systems Approach to Enteric Pathogen Transmission: From Individual Independence to Community Interdependence. <i>Annual Review of Public Health</i> , 2012, 33, 239-257.	7.6	50
38	Securing 2020 vision for 2030: climate change and ensuring resilience in water and sanitation services. <i>Journal of Water and Climate Change</i> , 2010, 1, 2-16.	1.2	61
39	Increasing Functional Sustainability of Water and Sanitation Supplies in Rural Sub-Saharan Africa. <i>Environmental Engineering Science</i> , 2009, 26, 1017-1023.	0.8	109
40	Posttranslational regulation of the mammalian circadian clock by cryptochrome and protein phosphatase 5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10467-10472.	3.3	85
41	Consumer marketplaces and self-sufficiency: Meeting consumption needs in community. <i>Journal of Consumer Affairs</i> , 0, , .	1.2	0