

# Daniele Lantagne

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

1,350  
citations

257450

24  
h-index

395702

33  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Household Water Treatment and Safe Storage Methods in Acute Emergency Response: Case Study Results from Nepal, Indonesia, Kenya, and Haiti. <i>Environmental Science &amp; Technology</i> , 2012, 46, 11352-11360.	10.0	91
2	Laboratory Investigation into the Effect of Silver Application on the Bacterial Removal Efficacy of Filter Material for Use on Locally Produced Ceramic Water Filters for Household Drinking Water Treatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 737-745.	6.7	53
3	A Systematic Review of Surface Contamination, Stability, and Disinfection Data on SARS-CoV-2 (Through July 10, 2020). <i>Environmental Science &amp; Technology</i> , 2021, 55, 4162-4173.	10.0	52
4	Planning for climate change: The need for mechanistic systems-based approaches to study climate change impacts on diarrheal diseases. <i>Science of the Total Environment</i> , 2016, 548-549, 82-90.	8.0	49
5	Effect of production variables on microbiological removal in locally-produced ceramic filters for household water treatment. <i>International Journal of Environmental Health Research</i> , 2010, 20, 171-187.	2.7	46
6	Current practices in manufacturing locally-made ceramic pot filters for water treatment in developing countries. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2013, 3, 252-261.	1.8	45
7	Responding to epidemics in large-scale humanitarian crises: a case study of the cholera response in Yemen, 2016–2018. <i>BMJ Global Health</i> , 2019, 4, e001709.	4.7	45
8	Selection of a Biosafety Level 1 (BSL-1) surrogate to evaluate surface disinfection efficacy in Ebola outbreaks: Comparison of four bacteriophages. <i>PLoS ONE</i> , 2017, 12, e0177943.	2.5	44
9	The Cholera Outbreak in Haiti: Where and How did it begin?. <i>Current Topics in Microbiology and Immunology</i> , 2013, 379, 145-164.	1.1	43
10	Evaluating the Sustained Health Impact of Household Chlorination of Drinking Water in Rural Haiti. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 786-795.	1.4	41
11	Point-of-use water treatment in emergency response. <i>Waterlines</i> , 2012, 31, 30-52.	0.4	38
12	Handwashing and Ebola virus disease outbreaks: A randomized comparison of soap, hand sanitizer, and 0.05% chlorine solutions on the inactivation and removal of model organisms Phi6 and <i>E. coli</i> from hands and persistence in rinse water. <i>PLoS ONE</i> , 2017, 12, e0172734.	2.5	38
13	A Systematic Review and Meta-Analysis of the Association between Water, Sanitation, and Hygiene Exposures and Cholera in Case–Control Studies. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 534-545.	1.4	38
14	Chlorination of drinking water in emergencies: a review of knowledge to develop recommendations for implementation and research needed. <i>Waterlines</i> , 2017, 36, 4-39.	0.4	36
15	Household Water Treatment Uptake during a Public Health Response to a Large Typhoid Fever Outbreak in Harare, Zimbabwe. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 945-954.	1.4	31
16	Surface Cleaning and Disinfection: Efficacy Assessment of Four Chlorine Types Using <i>Escherichia coli</i> and the Ebola Surrogate Phi6. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4624-4631.	10.0	31
17	Water, sanitation, and hygiene interventions in outbreak response: a synthesis of evidence. <i>Waterlines</i> , 2018, 37, 5-30.	0.4	31
18	Household Water Treatment and Cholera Control. <i>Journal of Infectious Diseases</i> , 2018, 218, S147-S153.	4.0	30

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19	Turbidity and chlorine demand reduction using locally available physical water clarification mechanisms before household chlorination in developing countries. <i>Journal of Water and Health</i> , 2009, 7, 497-506.	2.6	29
20	Turbidity and chlorine demand reduction using alum and moringa flocculation before household chlorination in developing countries. <i>Journal of Water and Health</i> , 2010, 8, 60-70.	2.6	28
21	Effective Use of Household Water Treatment and Safe Storage in Response to the 2010 Haiti Earthquake. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 89, 426-433.	1.4	28
22	A systematic review of outcomes and lessons learned from general, rural, and country-specific Water Safety Plan implementations. <i>Water Science and Technology: Water Supply</i> , 2016, 16, 1580-1594.	2.1	28
23	Sodium hypochlorite dosage for household and emergency water treatment: updated recommendations. <i>Journal of Water and Health</i> , 2018, 16, 112-125.	2.6	28
24	Accuracy, precision, usability, and cost of free chlorine residual testing methods. <i>Journal of Water and Health</i> , 2015, 13, 79-90.	2.6	27
25	Shelf-Life of Chlorine Solutions Recommended in Ebola Virus Disease Response. <i>PLoS ONE</i> , 2016, 11, e0156136.	2.5	25
26	Comment on "Point of Use Household Drinking Water Filtration: A Practical, Effective Solution for Providing Sustained Access to Safe Drinking Water in the Developing World". <i>Environmental Science &amp; Technology</i> , 2009, 43, 968-969.	10.0	23
27	Associations among Water, Sanitation, and Hygiene, and Food Exposures and Typhoid Fever in Case-Control Studies: A Systematic Review and Meta-Analysis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1020-1031.	1.4	23
28	Water, sanitation, and hygiene access in southern Syria: analysis of survey data and recommendations for response. <i>Conflict and Health</i> , 2018, 12, 17.	2.7	22
29	Highly targeted spatiotemporal interventions against cholera epidemics, 2000-19: a scoping review. <i>Lancet Infectious Diseases</i> , The, 2021, 21, e37-e48.	9.1	19
30	Seeking Clearer Recommendations for Hand Hygiene in Communities Facing Ebola: A Randomized Trial Investigating the Impact of Six Handwashing Methods on Skin Irritation and Dermatitis. <i>PLoS ONE</i> , 2016, 11, e0167378.	2.5	16
31	Evaluation of household drinking water filter distribution programs in Haiti. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2016, 6, 42-54.	1.8	14
32	Fouling in hollow fiber membrane microfilters used for household water treatment. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2015, 5, 220-228.	1.8	13
33	The effects of input materials on ceramic water filter efficacy for household drinking water treatment. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 859-869.	2.1	13
34	Delivering Drinking Water by Truck in Humanitarian Contexts: Results from Mixed-Methods Evaluations in the Democratic Republic of the Congo and Bangladesh. <i>Environmental Science &amp; Technology</i> , 2020, 54, 5041-5050.	10.0	13
35	A rapid assessment of drinking water quality in informal settlements after a cholera outbreak in Nairobi, Kenya. <i>Journal of Water and Health</i> , 2015, 13, 714-725.	2.6	12
36	Sustained effectiveness of automatic chlorinators installed in community-scale water distribution systems during an emergency recovery project in Haiti. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2016, 6, 602-612.	1.8	12

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37	Setting priorities for humanitarian water, sanitation and hygiene research: a meeting report. <i>Conflict and Health</i> , 2018, 12, .	2.7	12
38	Barriers and Facilitators to Chlorine Tablet Distribution and Use in Emergencies: A Qualitative Assessment. <i>Water (Switzerland)</i> , 2019, 11, 1121.	2.7	12
39	Microbiological quality of chlorinated water after storage in ceramic pots. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2012, 2, 250-253.	1.8	11
40	Emergency Water Treatment with Bleach in the United States: The Need to Revise EPA Recommendations. <i>Environmental Science &amp; Technology</i> , 2014, 48, 5093-5100.	10.0	11
41	Assessment of the quality, effectiveness, and acceptability of ceramic water filters in Tanzania. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2016, 6, 195-204.	1.8	11
42	Effectiveness of water chlorination programs along the emergency-transition-post-emergency continuum: Evaluations of bucket, in-line, and piped water chlorination programs in Coxâ€™s Bazar. <i>Water Research</i> , 2020, 178, 115854.	11.3	11
43	Effectiveness of Multilevel Risk Management Emergency Response Activities To Ensure Free Chlorine Residual in Household Drinking Water in Southern Syria. <i>Environmental Science &amp; Technology</i> , 2018, 52, 14402-14410.	10.0	10
44	Residual Maintenance Using Sodium Hypochlorite, Sodium Dichloroisocyanurate, and Chlorine Dioxide in Laboratory Waters of Varying Turbidity. <i>Water (Switzerland)</i> , 2019, 11, 1309.	2.7	10
45	Evidence summary of water, sanitation, and hygiene (WASH) coordination in humanitarian response. <i>Disasters</i> , 2021, 45, 913-938.	2.2	10
46	Case-area targeted preventive interventions to interrupt cholera transmission: Current implementation practices and lessons learned. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0010042.	3.0	10
47	Accuracy, Precision, Ease-Of-Use, and Cost of Methods to Test Ebola-Relevant Chlorine Solutions. <i>PLoS ONE</i> , 2016, 11, e0152442.	2.5	9
48	Optimizing Household Chlorination Marketing Strategies: A Randomized Controlled Trial on the Effect of Price and Promotion on Adoption in Haiti. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 271-280.	1.4	8
49	Sustained use in a relief-to-recovery household water chlorination program in Haiti: comparing external evaluation findings with internal supervisor and community health worker monitoring data. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2017, 7, 56-66.	1.8	7
50	Efficacy of locally-available cleaning methods in removing biofilms from taps and surfaces of household water storage containers. <i>Npj Clean Water</i> , 2020, 3, .	8.0	7
51	Temporal analysis of water, sanitation, and hygiene data from knowledge, attitudes, and practices surveys in the protracted humanitarian crisis in Myanmar. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2020, 10, 806-817.	1.8	7
52	Comment on "A re-assessment of the safety of silver in household water treatment: rapid systematic review of mammalian in vivo genotoxicity studies". <i>Environmental Health</i> , 2017, 16, 121.	4.0	5
53	Lessons learned from conducting six multi-country mixed-methods effectiveness research studies on water, sanitation, and hygiene (WASH) interventions in humanitarian response. <i>BMC Public Health</i> , 2021, 21, 560.	2.9	5
54	Modeling of Hydraulic Performance in Disks and Full-Scale Ceramic Water Filters. <i>Environmental Science &amp; Technology</i> , 2021, 55, 7702-7710.	10.0	4

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55	The Origin of Cholera in Haiti. <i>Journal of Disaster Research</i> , 2012, 7, 759-767.	0.7	4
56	Acceptability, effectiveness, and fouling of PointOne membrane filters distributed in South Sudan. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2019, 9, 247-257.	1.8	4
57	Need for certification of household water treatment products: examples from Haiti. <i>Tropical Medicine and International Health</i> , 2015, 20, 462-470.	2.3	3
58	Laboratory Efficacy of Locally Available Backwashing Methods at Removing Fouling in Hollow-Fiber Membrane Filters Used for Household Water Treatment. <i>Membranes</i> , 2021, 11, 375.	3.0	3
59	Evaluation of monitoring tools for WASH response in a cholera outbreak in northeast Nigeria. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2021, 11, 972-982.	1.8	3
60	Determining the Efficacy, Safety and Suitability of Disinfectants to Prevent Emerging Infectious Disease Transmission. <i>Water (Switzerland)</i> , 2018, 10, 1397.	2.7	2
61	Fecal Indicator Bacteria Data to Characterize Drinking Water Quality in Low-Resource Settings: Summary of Current Practices and Recommendations for Improving Validity. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2353.	2.6	1
62	Laboratory efficacy of locally manufactured ceramic water filters in removing <i>Vibrio cholerae</i> . <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 619-629.	2.4	1
63	Laboratory evaluation of the efficacy of bucket chlorination guidelines at inactivating <i>Vibrio cholerae</i> for waters of varying quality. <i>Journal of Water and Health</i> , 2022, 20, 1071-1083.	2.6	1
64	Turbidity and Chlorine Demand Reduction Using Physical and Chemical Water Clarification Methods Prior to Household Chlorination in Developing Countries. <i>Proceedings of the Water Environment Federation</i> , 2009, 2009, 575-583.	0.0	0
65	Effects of Exceeding Recommended Storage Time of Hypochlorite-Treated Water in Ceramic Pots. <i>Proceedings of the Water Environment Federation</i> , 2011, 2011, 251-252.	0.0	0
66	Response to: Lindquist, E. D., Norman, W. R., & Soerens, T. (2015) A review of: Fouling in hollow fiber membrane microfilters used for household water treatment (2015) Murray, A., Goeb, M., Stewart, B., Hopper, C., Peck, J., Meub, C., Asatekin, A. & Lantagne, D. J. <i>WASHDEV</i> 5 (2), 220-228 doi:10.2166/washdev.2015.206. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2015, 5, 232-234.	1.8	0
67	Comment on "household effectiveness vs. laboratory efficacy of point-of-use chlorination". <i>Water Research</i> , 2015, 69, 328-330.	11.3	0
68	Household Disinfection Interventions to Prevent Cholera Transmission: Facilitators, Barriers, Training, and Evidence Needs. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 611-621.	1.4	0
69	The One Nutrition in Complex Environments (ONCE) study protocol: a cluster-randomized multi-level multi-sectoral intervention to improve nutrition in Uganda. <i>Trials</i> , 2022, 23, 244.	1.6	0
70	Qualitative and Quantitative Analysis of Latrine Management Approaches in Internally Displaced Persons Camps in Myanmar. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, , .	1.4	0