

David A Larsen

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,218
citations

304743

22
h-index

243625

44
g-index

73
all docs

73
docs citations

73
times ranked

3295
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking COVID-19 with wastewater. <i>Nature Biotechnology</i> , 2020, 38, 1151-1153.	17.5	229
2	Malaria prevention in pregnancy, birthweight, and neonatal mortality: a meta-analysis of 32 national cross-sectional datasets in Africa. <i>Lancet Infectious Diseases</i> , The, 2012, 12, 942-949.	9.1	200
3	Assessment of Insecticide-Treated Bednet Use Among Children and Pregnant Women Across 15 Countries Using Standardized National Surveys. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 80, 209-214.	1.4	145
4	Protective efficacy of interventions for preventing malaria mortality in children in <i>Plasmodium falciparum</i> endemic areas. <i>International Journal of Epidemiology</i> , 2010, 39, i88-i101.	1.9	142
5	Estimates of child deaths prevented from malaria prevention scale-up in Africa 2001-2010. <i>Malaria Journal</i> , 2012, 11, 93.	2.3	129
6	Assessment of insecticide-treated bednet use among children and pregnant women across 15 countries using standardized national surveys. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 80, 209-14.	1.4	110
7	Wastewater Surveillance for SARS-CoV-2 on College Campuses: Initial Efforts, Lessons Learned, and Research Needs. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4455.	2.6	107
8	Co-quantification of crAssphage increases confidence in wastewater-based epidemiology for SARS-CoV-2 in low prevalence areas. <i>Water Research X</i> , 2021, 11, 100100.	6.1	90
9	Coverage of intermittent preventive treatment and insecticide-treated nets for the control of malaria during pregnancy in sub-Saharan Africa: a synthesis and meta-analysis of national survey data, 2009â€“11. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 1029-1042.	9.1	82
10	Effect of <i>Plasmodium falciparum</i> sulfadoxine-pyrimethamine resistance on the effectiveness of intermittent preventive therapy for malaria in pregnancy in Africa: a systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 546-556.	9.1	79
11	Population-Wide Malaria Testing and Treatment with Rapid Diagnostic Tests and Artemether-Lumefantrine in Southern Zambia: A Community Randomized Step-Wedge Control Trial Design. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 913-921.	1.4	72
12	Household Dengue Prevention Interventions, Expenditures, and Barriers to <i>Aedes aegypti</i> Control in Machala, Ecuador. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 196.	2.6	50
13	Malaria surveillance in low-transmission areas of Zambia using reactive case detection. <i>Malaria Journal</i> , 2015, 14, 465.	2.3	47
14	An individual-level meta-analysis assessing the impact of community-level sanitation access on child stunting, anemia, and diarrhea: Evidence from DHS and MICS surveys. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005591.	3.0	47
15	Open-source satellite enumeration to map households: planning and targeting indoor residual spraying for malaria. <i>Malaria Journal</i> , 2015, 14, 345.	2.3	34
16	Neighborhood Trauma Due to Violence: A Multilevel Analysis. <i>Journal of Health Care for the Poor and Underserved</i> , 2017, 28, 446-462.	0.8	34
17	Evaluation of the operational challenges in implementing reactive screen-and-treat and implications of reactive case detection strategies for malaria elimination in a region of low transmission in southern Zambia. <i>Malaria Journal</i> , 2016, 15, 412.	2.3	33
18	A quasi-experimental evaluation of an interpersonal communication intervention to increase insecticide-treated net use among children in Zambia. <i>Malaria Journal</i> , 2012, 11, 313.	2.3	29

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19	High-throughput wastewater analysis for substance use assessment in central New York during the COVID-19 pandemic. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2147-2161.	3.5	28
20	Comparison of Lives Saved Tool model child mortality estimates against measured data from vector control studies in sub-Saharan Africa. <i>BMC Public Health</i> , 2011, 11, S34.	2.9	27
21	Community Coverage with Insecticide-Treated Mosquito Nets and Observed Associations with All-Cause Child Mortality and Malaria Parasite Infections. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 950-958.	1.4	26
22	COVID-19 vaccination intention and behavior in a large, diverse, U.S. refugee population. <i>Vaccine</i> , 2022, 40, 1231-1237.	3.8	26
23	Spatio-temporal patterns of gun violence in Syracuse, New York 2009-2015. <i>PLoS ONE</i> , 2017, 12, e0173001.	2.5	24
24	Enhanced surveillance and data feedback loop associated with improved malaria data in Lusaka, Zambia. <i>Malaria Journal</i> , 2015, 14, 222.	2.3	22
25	Linking metal (Pb, Hg, Cd) industrial air pollution risk to blood metal levels and cardiovascular functioning and structure among children in Syracuse, NY. <i>Environmental Research</i> , 2021, 193, 110557.	7.5	22
26	Barriers to Insecticide-Treated Mosquito Net Possession 2 Years after a Mass Free Distribution Campaign in Luangwa District, Zambia. <i>PLoS ONE</i> , 2010, 5, e13129.	2.5	20
27	Routine deworming during antenatal care decreases risk of neonatal mortality and low birthweight: A retrospective cohort of survey data. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009282.	3.0	20
28	Quantifying seasonal and diel variation in Anopheline and Culex human biting rates in Southern Ecuador. <i>Malaria Journal</i> , 2017, 16, 479.	2.3	19
29	Targeting indoor residual spraying for malaria using epidemiological data: a case study of the Zambia experience. <i>Malaria Journal</i> , 2016, 15, 11.	2.3	18
30	Ingested insecticide to control <i>Aedes aegypti</i> : developing a novel dried attractive toxic sugar bait device for intra-domiciliary control. <i>Parasites and Vectors</i> , 2020, 13, 78.	2.5	16
31	Community Gun Violence as a Social Determinant of Elementary School Achievement. <i>Social Work in Public Health</i> , 2018, 33, 439-448.	1.4	15
32	A disruptive cue improves handwashing in school children in Zambia. <i>Health Promotion International</i> , 2019, 34, e119-e128.	1.8	15
33	Location, location, location: environmental factors better predict malaria-positive individuals during reactive case detection than index case demographics in Southern Province, Zambia. <i>Malaria Journal</i> , 2017, 16, 18.	2.3	14
34	Chiengi District, Zambia Open Defecation Free After 1 Year of Community-Led Total Sanitation. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 925-927.	1.4	13
35	Coupling freedom from disease principles and early warning from wastewater surveillance to improve health security. , 2022, 1, .		13
36	A qualitative study of perceptions of a mass test and treat campaign in Southern Zambia and potential barriers to effectiveness. <i>Malaria Journal</i> , 2015, 14, 171.	2.3	12

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37	Reported community-level indoor residual spray coverage from two-stage cluster surveys in sub-Saharan Africa. <i>Malaria Journal</i> , 2017, 16, 249.	2.3	12
38	Assessing the Impact of Leveraging Traditional Leadership on Access to Sanitation in Rural Zambia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1355-1361.	1.4	12
39	High Sensitivity and Specificity of Dormitory-Level Wastewater Surveillance for COVID-19 during Fall Semester 2020 at Syracuse University, New York. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4851.	2.6	12
40	Leveraging risk maps of malaria vector abundance to guide control efforts reduces malaria incidence in Eastern Province, Zambia. <i>Scientific Reports</i> , 2020, 10, 10307.	3.3	11
41	Wastewater monitoring, surveillance and epidemiology: a review of terminology for a common understanding. <i>FEMS Microbes</i> , 2021, 2, xtab011.	2.1	11
42	Community-led Responses for Elimination (CoRE): a study protocol for a community randomized controlled trial assessing the effectiveness of community-level, reactive focal drug administration for reducing <i>Plasmodium falciparum</i> infection prevalence and incidence in Southern Province, Zambia. <i>Trials</i> , 2017, 18, 511.	1.6	10
43	Accuracy and impact of spatial aids based upon satellite enumeration to improve indoor residual spraying spatial coverage. <i>Malaria Journal</i> , 2018, 17, 93.	2.3	10
44	Variability in the spatial density of vacant properties contributes to background lead (Pb) exposure in children. <i>Environmental Research</i> , 2019, 170, 463-471.	7.5	10
45	Implications of Insecticide-Treated Mosquito Net Fishing in Lower Income Countries. <i>Environmental Health Perspectives</i> , 2021, 129, 15001.	6.0	9
46	Nutrition Screening Tools and the Prediction of Clinical Outcomes among Chinese Hospitalized Gastrointestinal Disease Patients. <i>PLoS ONE</i> , 2016, 11, e0159436.	2.5	9
47	Wastewater treatment plant operators report high capacity to support wastewater surveillance for COVID-19 across New York State, USA. <i>Science of the Total Environment</i> , 2022, 837, 155664.	8.0	9
48	Widespread mosquito net fishing in the Barotse floodplain: Evidence from qualitative interviews. <i>PLoS ONE</i> , 2018, 13, e0195808.	2.5	8
49	Mobility up the sanitation ladder following community-led total sanitation in rural Zambia. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2017, 7, 436-444.	1.8	7
50	A Mobile Platform Enables Unprecedented Sanitation Uptake in Zambia. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005131.	3.0	7
51	Dual-Mobility Articulations in Femoral Neck Fractures: A Systematic Review of the Literature and Meta-analysis of the Outcomes. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2021, 29, e618-e627.	2.5	7
52	Comparability of 24-hour composite and grab samples for detection of SARS-2-CoV RNA in wastewater. <i>FEMS Microbes</i> , 2022, 3, .	2.1	7
53	Shifting the burden or expanding access to care? Assessing malaria trends following scale-up of community health worker malaria case management and reactive case detection. <i>Malaria Journal</i> , 2017, 16, 441.	2.3	6
54	Community-level impacts of sanitation coverage on maternal and neonatal health: a retrospective cohort of survey data. <i>BMJ Global Health</i> , 2021, 6, e005674.	4.7	5

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55	The use of spatial and genetic tools to assess Plasmodium falciparum transmission in Lusaka, Zambia between 2011 and 2015. <i>Malaria Journal</i> , 2020, 19, 20.	2.3	3
56	Increased reliance on physician assistants: an access-quality tradeoff?. <i>Journal of Market Access & Health Policy</i> , 2022, 10, 2030559.	1.5	3
57	Exposure to Pyrethroids and Health Risk. <i>JAMA Internal Medicine</i> , 2020, 180, 1027.	5.1	2
58	Examining Wealth Trends in Kombewa, Kenya. <i>Social Indicators Research</i> , 2021, 157, 631-651.	2.7	2
59	Comparing prioritization strategies for delivering indoor residual spray (IRS) implementation, using a network approach. <i>Malaria Journal</i> , 2020, 19, 326.	2.3	1
60	Pyrethroid Resistance in <i>Anopheles gambiae</i> Not Associated with Insecticide-Treated Mosquito Net Effectiveness Across Sub-Saharan Africa. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 1097-1103.	1.4	1
61	Do Affluent Urban Consumers Drive Direct Food Sales in the Northeast United States? A Three-part Analysis. <i>Journal of Agriculture, Food Systems, and Community Development</i> , 0, , 1-14.	2.4	1
62	Weighing for results: assessing the effect of IPTp – Authors' reply. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 292-293.	9.1	0