Mercy J Borbor-Cordova

List of Publications by Year
in descending order

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37 papers	958 citations	471509 17 h-index	477307 29 g-index
46 all docs	46 docs citations	46 times ranked	1438 citing authors

#	Article	IF	Citations
1	Climate services for health: predicting the evolution of the 2016 dengue season in Machala, Ecuador. Lancet Planetary Health, The, 2017, 1, e142-e151.	11.4	97
2	Spatiotemporal clustering, climate periodicity, and social-ecological risk factors for dengue during an outbreak in Machala, Ecuador, in 2010. BMC Infectious Diseases, 2014, 14, 610.	2.9	88
3	Nitrogen and phosphorus budgets for a tropical watershed impacted by agricultural land use: Guayas, Ecuador. Biogeochemistry, 2006, 79, 135-161.	3.5	84
4	Exploration of health risks related to air pollution and temperature in three Latin American cities. Social Science and Medicine, 2013, 83, 110-118.	3.8	77
5	A social-ecological analysis of community perceptions of dengue fever and Aedes aegypti in Machala, Ecuador. BMC Public Health, 2014, 14, 1135.	2.9	62
6	Climate predicts geographic and temporal variation in mosquito-borne disease dynamics on two continents. Nature Communications, 2021, 12, 1233.	12.8	49
7	Social-ecological factors and preventive actions decrease the risk of dengue infection at the household-level: Results from a prospective dengue surveillance study in Machala, Ecuador. PLoS Neglected Tropical Diseases, 2017, 11, e0006150.	3.0	49
8	Declining Prevalence of Disease Vectors Under Climate Change. Scientific Reports, 2016, 6, 39150.	3.3	46
9	The Social and Spatial Ecology of Dengue Presence and Burden during an Outbreak in Guayaquil, Ecuador, 2012. International Journal of Environmental Research and Public Health, 2018, 15, 827.	2.6	46
10	The Burden of Dengue Fever and Chikungunya in Southern Coastal Ecuador: Epidemiology, Clinical Presentation, and Phylogenetics from the First Two Years of a Prospective Study. American Journal of Tropical Medicine and Hygiene, 2018, 98, 1444-1459.	1.4	41
11	Knowledge, attitudes, and practices regarding dengue infection among public sector healthcare providers in Machala, Ecuador. Tropical Diseases, Travel Medicine and Vaccines, 2016, 2, 8.	2.2	28
12	Socio-Ecological Factors Associated with Dengue Risk and Aedes aegypti Presence in the GalÃ¡pagos Islands, Ecuador. International Journal of Environmental Research and Public Health, 2019, 16, 682.	2.6	26
13	Climate Variability, Vulnerability, and Natural Disasters: A Case Study of Zika Virus in Manabi, Ecuador Following the 2016 Earthquake. GeoHealth, 2017, 1, 298-304.	4.0	24
14	ADAPTE: A tale of diverse teams coming together to do issue-driven interdisciplinary research. Environmental Science and Policy, 2013, 26, 29-39.	4.9	23
15	Oceanography of Harmful Algal Blooms on the Ecuadorian Coast (1997â€“2017): Integrating Remote Sensing and Biological Data. Frontiers in Marine Science, 2019, 6, .	2.5	22
16	A participatory community case study of periurban coastal flood vulnerability in southern Ecuador. PLoS ONE, 2019, 14, e0224171.	2.5	21
17	Seasonal and geographic variation in insecticide resistance in Aedes aegypti in southern Ecuador. PLoS Neglected Tropical Diseases, 2019, 13, e0007448.	3.0	21
18	Co-developing climate services for public health: Stakeholder needs and perceptions for the prevention and control of Aedes-transmitted diseases in the Caribbean. PLoS Neglected Tropical Diseases, 2019, 13, e0007772.	3.0	20

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19	A Changing Environment for Human Security. , 0, , .		16
20	Outbreak of Zika Virus Infections, Dominica, 2016. Emerging Infectious Diseases, 2017, 23, 1926-1927.	4.3	16
21	Spatiotemporal Tools for Emerging and Endemic Disease Hotspots in Small Areas: An Analysis of Dengue and Chikungunya in Barbados, 2013â€“2016. American Journal of Tropical Medicine and Hygiene, 2020, 103, 149-156.	1.4	14
22	Risk Perception of Coastal Communities and Authorities on Harmful Algal Blooms in Ecuador. Frontiers in Marine Science, 2018, 5, .	2.5	12
23	Building resilience to mosquito-borne diseases in the Caribbean. PLoS Biology, 2020, 18, e3000791.	5.6	12
24	The 2018â€“2019 weak El NiÃ±o: Predicting the risk of a dengue outbreak in Machala, Ecuador. International Journal of Climatology, 2021, 41, 3813-3823.	3.5	9
25	Zika Virus Outbreak, Barbados, 2015â€“2016. American Journal of Tropical Medicine and Hygiene, 2018, 98, 1857-1859.	1.4	9
26	The Carbon Holdings of Northern Ecuador's Mangrove Forests. Annals of the American Association of Geographers, 2017, 107, 54-71.	2.2	7
27	An Operational Framework for Urban Vulnerability to Floods in the Guayas Estuary Region: The Duran Case Study. Sustainability, 2020, 12, 10292.	3.2	7
28	Spatio-Temporal Pattern of Dinoflagellates Along the Tropical Eastern Pacific Coast (Ecuador). Frontiers in Marine Science, 2019, 6, .	2.5	6
29	Chapter 10 Urban Vulnerability and Adaptation to the Health Impacts of Air Pollution and Climate Extremes in Latin American Cities. Research in Urban Sociology, 2012, , 247-275.	0.1	4
30	Nitrogen and phosphorus budgets for a tropical watershed impacted by agricultural land use: Guayas, Ecuador. , 2006, , 135-161.		4
31	AnÃ¡lisis de inundaciones costeras por precipitaciones intensas, cambio climÃ¡tico y fenÃ³meno de El NiÃ±o. Caso de estudio: Machala.. Granja, 2016, 24, .	0.3	3
32	Hydrodynamic Analysis of a Stormwater System, under Data Scarcity, for Decision-Making Process: The Duran Case Study (Ecuador). Sustainability, 2020, 12, 10541.	3.2	2
33	Perfluorinated Chemicals in Sediments, Lichens, and Seabirds from the Antarctic Peninsula â€” Environmental Assessment and Management Perspectives. , 0, , .		1
34	2327. 2018â€“2019 Seasonal Epidemiology of Infections Caused by Influenza Viruses and RSV in Ecuadorean Children Less than 5 Years of Age Residing at Opposite Extremes of Elevation. Open Forum Infectious Diseases, 2019, 6, S799-S799.	0.9	0
35	Green Infrastructure: Networks for a Biodiverse Future. Encyclopedia of the UN Sustainable Development Goals, 2021, , 424-439.	0.1	0
36	Tracking Aedes aegypti in a hotter, wetter, more urban world. , 2019, , 128-149.		0

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37	Green Infrastructure: Networks for a Biodiverse Future. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-16.	0.1	0