Uriel Kitron

List of Publications by Year
in descending order

30 papers	2,387 citations	331670 21 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	3181 citing authors

#	Article	IF	Citations
1	The impact of dengue illness on social distancing and caregiving behavior. PLoS Neglected Tropical Diseases, 2021, 15, e0009614.	3.0	0
2	Disease-driven reduction in human mobility influences human-mosquito contacts and dengue transmission dynamics. PLoS Computational Biology, 2021, 17, e1008627.	3.2	19
3	The basic reproductive number for disease systems with multiple coupled heterogeneities. Mathematical Biosciences, 2020, 321, 108294.	1.9	3
4	Optimizing the deployment of ultra-low volume and targeted indoor residual spraying for dengue outbreak response. PLoS Computational Biology, 2020, 16, e1007743.	3.2	27
5	Dengue illness impacts daily human mobility patterns in Iquitos, Peru. PLoS Neglected Tropical Diseases, 2019, 13, e0007756.	3.0	17
6	Estimating the impact of city-wide Aedes aegypti population control: An observational study in Iquitos, Peru. PLoS Neglected Tropical Diseases, 2019, 13, e0007255.	3.0	22
7	An agent-based model of dengue virus transmission shows how uncertainty about breakthrough infections influences vaccination impact projections. PLoS Computational Biology, 2019, 15, e1006710.	3.2	31
8	Contributions from the silent majority dominate dengue virus transmission. PLoS Pathogens, 2018, 14, e1006965.	4.7	118
9	Rift Valley Fever Seroprevalence in Coastal Kenya. American Journal of Tropical Medicine and Hygiene, 2017, 97, 115-120.	1.4	17
10	Calling in sick: impacts of fever on intra-urban human mobility. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160390.	2.6	31
11	Coupled Heterogeneities and Their Impact on Parasite Transmission and Control. Trends in Parasitology, 2016, 32, 356-367.	3.3	41
12	Spatial Distribution of Dengue in a Brazilian Urban Slum Setting: Role of Socioeconomic Gradient in Disease Risk. PLoS Neglected Tropical Diseases, 2015, 9, e0003937.	3.0	98
13	Epidemic and Endemic Malaria Transmission Related to Fish Farming Ponds in the Amazon Frontier. PLoS ONE, 2015, 10, e0137521.	2.5	32
14	Domestic Animal Hosts Strongly Influence Human-Feeding Rates of the Chagas Disease Vector Triatoma infestans in Argentina. PLoS Neglected Tropical Diseases, 2014, 8, e2894.	3.0	54
15	Strengths and Weaknesses of Global Positioning System (GPS) Data-Loggers and Semi-structured Interviews for Capturing Fine-scale Human Mobility: Findings from Iquitos, Peru. PLoS Neglected Tropical Diseases, 2014, 8, e2888.	3.0	59
16	Spatial Analysis Spotlighting Early Childhood Leprosy Transmission in a Hyperendemic Municipality of the Brazilian Amazon Region. PLoS Neglected Tropical Diseases, 2014, 8, e2665.	3.0	60
17	Key Source Habitats and Potential Dispersal of Triatoma infestans Populations in Northwestern Argentina: Implications for Vector Control. PLoS Neglected Tropical Diseases, 2014, 8, e3238.	3.0	38
18	Shifting Patterns of Aedes aegypti Fine Scale Spatial Clustering in Iquitos, Peru. PLoS Neglected Tropical Diseases, 2014, 8, e3038.	3.0	68

#	Article	IF	Citations
19	Recasting the theory of mosquito-borne pathogen transmission dynamics and control. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2014, 108, 185-197.	1.8	142
20	Theory and data for simulating fine-scale human movement in an urban environment. Journal of the Royal Society Interface, 2014, 11, 20140642.	3.4	53
21	Long term impacts of combined sewer overflow remediation on water quality and population dynamics of Culex quinquefasciatus, the main urban West Nile virus vector in Atlanta, GA. Environmental Research, 2014, 129, 20-26.	7.5	25
22	Heterogeneities in the Ecoepidemiology of Trypanosoma cruzi Infection in Rural Communities of the Argentinean Chaco. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1063-1073.	1.4	40
23	Time-varying, serotype-specific force of infection of dengue virus. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2694-702.	7.1	105
24	Why Do Tamarins Swallow Such Large Seeds? A Response to Heymannâ€™s Commentary. International Journal of Primatology, 2013, 34, 450-454.	1.9	2
25	House-to-house human movement drives dengue virus transmission. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 994-999.	7.1	416
26	Using GPS Technology to Quantify Human Mobility, Dynamic Contacts and Infectious Disease Dynamics in a Resource-Poor Urban Environment. PLoS ONE, 2013, 8, e58802.	2.5	177
27	Field and climateâ€based model for predicting the density of hostâ€seeking nymphal Ixodes scapularis, an important vector of tickâ€borne disease agents in the eastern United States. Global Ecology and Biogeography, 2010, 19, 504-514.	5.8	116
28	Assessing and Maximizing the Acceptability of Global Positioning System Device Use for Studying the Role of Human Movement in Dengue Virus Transmission in Iquitos, Peru. American Journal of Tropical Medicine and Hygiene, 2010, 82, 723-730.	1.4	48
29	The Role of Human Movement in the Transmission of Vector-Borne Pathogens. PLoS Neglected Tropical Diseases, 2009, 3, e481.	3.0	414
30	Usefulness of commercially available GPS data-loggers for tracking human movement and exposure to dengue virus. International Journal of Health Geographics, 2009, 8, 68.	2.5	114