

Uriel Kitron

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	The Role of Human Movement in the Transmission of Vector-Borne Pathogens. PLoS Neglected Tropical Diseases, 2009, 3, e481.	3.0	414
3	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
4	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
5	Contributions from the silent majority dominate dengue virus transmission. PLoS Pathogens, 2018, 14, e1006965.	4.7	118
6	Field and climate-based model for predicting the density of host-seeking nymphal <i>Ixodes scapularis</i> , an important vector of tick-borne disease agents in the eastern United States. Global Ecology and Biogeography, 2010, 19, 504-514.	5.8	116
7	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
8	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
9	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
10	Shifting Patterns of <i>Aedes aegypti</i> Fine Scale Spatial Clustering in Iquitos, Peru. PLoS Neglected Tropical Diseases, 2014, 8, e3038.	3.0	68
11	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
12	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
13	Domestic Animal Hosts Strongly Influence Human-Feeding Rates of the Chagas Disease Vector <i>Triatoma infestans</i> in Argentina. PLoS Neglected Tropical Diseases, 2014, 8, e2894.	3.0	54
14	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
15	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
16	Coupled Heterogeneities and Their Impact on Parasite Transmission and Control. Trends in Parasitology, 2016, 32, 356-367.	3.3	41
17	Heterogeneities in the Ecoepidemiology of <i>Trypanosoma cruzi</i> Infection in Rural Communities of the Argentinean Chaco. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1063-1073.	1.4	40
18	Key Source Habitats and Potential Dispersal of <i>Triatoma infestans</i> Populations in Northwestern Argentina: Implications for Vector Control. PLoS Neglected Tropical Diseases, 2014, 8, e3238.	3.0	38

#	ARTICLE	IF	CITATIONS
19	Epidemic and Endemic Malaria Transmission Related to Fish Farming Ponds in the Amazon Frontier. PLoS ONE, 2015, 10, e0137521.	2.5	32
20	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
21	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
22	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
23	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
24	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
25	Disease-driven reduction in human mobility influences human-mosquito contacts and dengue transmission dynamics. PLoS Computational Biology, 2021, 17, e1008627.	3.2	19
26	Dengue illness impacts daily human mobility patterns in Iquitos, Peru. PLoS Neglected Tropical Diseases, 2019, 13, e0007756.	3.0	17
27	Rift Valley Fever Seroprevalence in Coastal Kenya. American Journal of Tropical Medicine and Hygiene, 2017, 97, 115-120.	1.4	17
28	The basic reproductive number for disease systems with multiple coupled heterogeneities. Mathematical Biosciences, 2020, 321, 108294.	1.9	3
29	Why Do Tamarins Swallow Such Large Seeds? A Response to Heymann's Commentary. International Journal of Primatology, 2013, 34, 450-454.	1.9	2
30	The impact of dengue illness on social distancing and caregiving behavior. PLoS Neglected Tropical Diseases, 2021, 15, e0009614.	3.0	0