Steven T Stoddard

List of Publications by Year
in descending order

29 papers	2,631 citations	331670 21 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	3136 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	Epidemiology of Dengue Virus in Iquitos, Peru 1999 to 2005: Interepidemic and Epidemic Patterns of Transmission. PLoS Neglected Tropical Diseases, 2010, 4, e670.	3.0	159
5	Oviposition Site Selection by the Dengue Vector Aedes aegypti and Its Implications for Dengue Control. PLoS Neglected Tropical Diseases, 2011, 5, e1015.	3.0	143
6	Reduced Risk of Disease During Postsecondary Dengue Virus Infections. Journal of Infectious Diseases, 2013, 208, 1026-1033.	4.0	128
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	Socially structured human movement shapes dengue transmission despite the diffusive effect of mosquito dispersal. Epidemics, 2014, 6, 30-36.	3.0	109
9	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
10	Long-Term and Seasonal Dynamics of Dengue in Iquitos, Peru. PLoS Neglected Tropical Diseases, 2014, 8, e3003.	3.0	96
11	Incomplete Protection against Dengue Virus Type 2 Re-infection in Peru. PLoS Neglected Tropical Diseases, 2016, 10, e0004398.	3.0	85
12	The relationship between entomological indicators of Aedes aegypti abundance and dengue virus infection. PLoS Neglected Tropical Diseases, 2017, 11, e0005429.	3.0	81
13	Spatial Dimensions of Dengue Virus Transmission across Interepidemic and Epidemic Periods in Iquitos, Peru (1999â€“2003). PLoS Neglected Tropical Diseases, 2012, 6, e1472.	3.0	74
14	Shifting Patterns of Aedes aegypti Fine Scale Spatial Clustering in Iquitos, Peru. PLoS Neglected Tropical Diseases, 2014, 8, e3038.	3.0	68
15	Determinants of Heterogeneous Blood Feeding Patterns by Aedes aegypti in Iquitos, Peru. PLoS Neglected Tropical Diseases, 2014, 8, e2702.	3.0	63
16	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
17	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
18	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

#	Article	IF	Citations
19	Linking Oviposition Site Choice to Offspring Fitness in Aedes aegypti: Consequences for Targeted Larval Control of Dengue Vectors. PLoS Neglected Tropical Diseases, 2012, 6, e1632.	3.0	42
20	Shifting priorities in vector biology to improve control of vectorâ€borne disease. Tropical Medicine and International Health, 2009, 14, 1505-1514.	2.3	32
21	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
22	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
23	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
24	Epidemiology of influenzaâ€like illness in the Amazon Basin of Peru, 2008â€“2009. Influenza and Other Respiratory Viruses, 2010, 4, 235-243.	3.4	21
25	The genetic structure of Aedes aegypti populations is driven by boat traffic in the Peruvian Amazon. PLoS Neglected Tropical Diseases, 2019, 13, e0007552.	3.0	16
26	Performance of the Tourniquet Test for Diagnosing Dengue in Peru. American Journal of Tropical Medicine and Hygiene, 2013, 89, 99-104.	1.4	15
27	Dengue Viruses and Lifelong Immunity: Reevaluating the Conventional Wisdom. Journal of Infectious Diseases, 2016, 214, 979-981.	4.0	14
28	Microsatellite-Based Parentage Analysis of<i>Aedes aegypti</i>(Diptera: Culicidae) Using Nonlethal DNA Sampling. Journal of Medical Entomology, 2012, 49, 85-93.	1.8	7
29	Direct feeding on dengue patients yields new insights into human-to-mosquito dengue virus transmission. Future Virology, 2013, 8, 1145-1149.	1.8	2