Chalmers Vasquez

List of Publications by Year
in descending order

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27 papers	1,282 citations	623734 14 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	2207 citing authors

#	Article	IF	Citations
1	Evaluation of the effectiveness of BG-Sentinel and CDC light traps in assessing the abundance, richness, and community composition of mosquitoes in rural and natural areas. Parasites and Vectors, 2022, 15, 51.	2.5	8
2	Diel activity patterns of two distinct populations of Aedes aegypti in Miami, FL and Brownsville, TX. Scientific Reports, 2022, 12, 5315.	3.3	9
3	A molecular surveillance-guided vector control response to concurrent dengue and West Nile virus outbreaks in a COVID-19 hotspot of Florida. The Lancet Regional Health Americas, 2022, 11, 100231.	2.6	4
4	Mosquito surveillance in maritime entry ports in Miami-Dade County, Florida to increase preparedness and allow the early detection of invasive mosquito species. PLoS ONE, 2022, 17, e0267224.	2.5	6
5	Effectiveness of adulticide and larvicide in controlling high densities of Aedes aegypti in urban environments. PLoS ONE, 2021, 16, e0246046.	2.5	15
6	Modelling distributions of Aedes aegypti and Aedes albopictus using climate, host density and interspecies competition. PLoS Neglected Tropical Diseases, 2021, 15, e0009063.	3.0	16
7	Potential Distribution of Aedes (Ochlerotatus) scapularis (Diptera: Culicidae): A Vector Mosquito New to the Florida Peninsula. Insects, 2021, 12, 213.	2.2	9
8	Spatially clustered count data provide more efficient search strategies in invasion biology and disease control. Ecological Applications, 2021, 31, e02329.	3.8	1
9	Invasion, establishment, and spread of invasive mosquitoes from the Culex coronator complex in urban areas of Miami-Dade County, Florida. Scientific Reports, 2021, 11, 14620.	3.3	5
10	Establishment of Aedes (Ochlerotatus) scapularis (Diptera: Culicidae) in Mainland Florida, With Notes on the Ochlerotatus Group in the United States. Journal of Medical Entomology, 2021, 58, 717-729.	1.8	17
11	Urbanization favors the proliferation of Aedes aegypti and Culex quinquefasciatus in urban areas of Miami-Dade County, Florida. Scientific Reports, 2021, 11, 22989.	3.3	32
12	Proliferation of Aedes aegypti in urban environments mediated by the availability of key aquatic habitats. Scientific Reports, 2020, 10, 12925.	3.3	45
13	Cemeteries in Miami-Dade County, Florida are important areas to be targeted in mosquito management and control efforts. PLoS ONE, 2020, 15, e0230748.	2.5	7
14	Mosquito Control Activities during Local Transmission of Zika Virus, Miami-Dade County, Florida, USA, 2016. Emerging Infectious Diseases, 2020, 26, 881-890.	4.3	22
15	Urban farms in Miami-Dade county, Florida have favorable environments for vector mosquitoes. PLoS ONE, 2020, 15, e0230825.	2.5	8
16	Mosquito Adaptation to the Extreme Habitats of Urban Construction Sites. Trends in Parasitology, 2019, 35, 607-614.	3.3	20
17	Urbanization creates diverse aquatic habitats for immature mosquitoes in urban areas. Scientific Reports, 2019, 9, 15335.	3.3	88
18	Community Composition and Year-round Abundance of Vector Species of Mosquitoes make Miami-Dade County, Florida a Receptive Gateway for Arbovirus entry to the United States. Scientific Reports, 2019, 9, 8732.	3.3	43

#	Article	IF	Citations
19	Tire shops in Miami-Dade County, Florida are important producers of vector mosquitoes. PLoS ONE, 2019, 14, e0217177.	2.5	11
20	Assessment of the effectiveness of BG-Sentinel traps baited with CO2 and BG-Lure for the surveillance of vector mosquitoes in Miami-Dade County, Florida. PLoS ONE, 2019, 14, e0212688.	2.5	35
21	Construction sites in Miami-Dade County, Florida are highly favorable environments for vector mosquitoes. PLoS ONE, 2018, 13, e0209625.	2.5	12
22	Zika Virus MB16-23 in Mosquitoes, Miami-Dade County, Florida, USA, 2016. Emerging Infectious Diseases, 2018, 24, 808-810.	4.3	15
23	Ornamental bromeliads of Miami-Dade County, Florida are important breeding sites for Aedes aegypti (Diptera: Culicidae). Parasites and Vectors, 2018, 11, 283.	2.5	24
24	Genomic epidemiology reveals multiple introductions of Zika virus into the United States. Nature, 2017, 546, 401-405.	27.8	298
25	Zika virus evolution and spread in the Americas. Nature, 2017, 546, 411-415.	27.8	323
26	Modeling Mosquito-Borne Disease Spread in U.S. Urbanized Areas: The Case of Dengue in Miami. PLoS ONE, 2016, 11, e0161365.	2.5	33
27	Local Mosquito-Borne Transmission of Zika Virus â€" Miami-Dade and Broward Counties, Florida, Juneâ€"August 2016. Morbidity and Mortality Weekly Report, 2016, 65, 1032-1038.	15.1	174