Gabriel Carrasco-Escobar

List of Publications by Year
in descending order

45 papers	**1,564** citations	430754 **18** h-index	330025 **37** g-index
49 all docs	**49** docs citations	**49** times ranked	**1462** citing authors

#	Article	IF	Citations
1	The burden of heat-related mortality attributable to recent human-induced climate change. Nature Climate Change, 2021, 11, 492-500.	8.1	400
2	Global, regional, and national burden of mortality associated with non-optimal ambient temperatures from 2000 to 2019: a three-stage modelling study. Lancet Planetary Health, The, 2021, 5, e415-e425.	5.1	284
3	Mortality risk attributable to wildfire-related PM2Â·5 pollution: a global time series study in 749 locations. Lancet Planetary Health, The, 2021, 5, e579-e587.	5.1	109
4	High-accuracy detection of malaria vector larval habitats using drone-based multispectral imagery. PLoS Neglected Tropical Diseases, 2019, 13, e0007105.	1.3	67
5	Combined effects of hydrometeorological hazards and urbanisation on dengue risk in Brazil: a spatiotemporal modelling study. Lancet Planetary Health, The, 2021, 5, e209-e219.	5.1	67
6	Hotspots of Malaria Transmission in the Peruvian Amazon: Rapid Assessment through a Parasitological and Serological Survey. PLoS ONE, 2015, 10, e0137458.	1.1	52
7	Development, environmental degradation, and disease spread in the Brazilian Amazon. PLoS Biology, 2019, 17, e3000526.	2.6	45
8	Micro-epidemiology and spatial heterogeneity of P. vivax parasitaemia in riverine communities of the Peruvian Amazon: A multilevel analysis. Scientific Reports, 2017, 7, 8082.	1.6	40
9	Predominance of asymptomatic and sub-microscopic infections characterizes the Plasmodium gametocyte reservoir in the Peruvian Amazon. PLoS Neglected Tropical Diseases, 2017, 11, e0005674.	1.3	40
10	Plasmodium vivax malaria at households: spatial clustering and risk factors in a low endemicity urban area of the northwestern Peruvian coast. Malaria Journal, 2015, 14, 176.	0.8	34
11	Travel Time to Health Facilities as a Marker of Geographical Accessibility Across Heterogeneous Land Coverage in Peru. Frontiers in Public Health, 2020, 8, 498.	1.3	33
12	Micro-heterogeneity of malaria transmission in the Peruvian Amazon: a baseline assessment underlying a population-based cohort study. Malaria Journal, 2017, 16, 312.	0.8	31
13	High prevalence of very-low Plasmodium falciparum and Plasmodium vivax parasitaemia carriers in the Peruvian Amazon: insights into local and occupational mobility-related transmission. Malaria Journal, 2017, 16, 415.	0.8	30
14	Higher risk of malaria transmission outdoors than indoors by Nyssorhynchus darlingi in riverine communities in the Peruvian Amazon. Parasites and Vectors, 2019, 12, 374.	1.0	29
15	Global, regional, and national burden of mortality associated with short-term temperature variability from 2000â€"19: a three-stage modelling study. Lancet Planetary Health, The, 2022, 6, e410-e421.	5.1	27
16	Spatio-temporal co-occurrence of hotspots of tuberculosis, poverty and air pollution in Lima, Peru. Infectious Diseases of Poverty, 2020, 9, 32.	1.5	23
17	Loop-mediated isothermal DNA amplification for asymptomatic malaria detection in challenging field settings: Technical performance and pilot implementation in the Peruvian Amazon. PLoS ONE, 2017, 12, e0185742.	1.1	23
18	Malaria vector species in Amazonian Peru co-occur in larval habitats but have distinct larval microbial communities. PLoS Neglected Tropical Diseases, 2019, 13, e0007412.	1.3	22

#	ARTICLE	IF	CITATIONS
19	Identifying counties at risk of high overdose mortality burden during the emerging fentanyl epidemic in the USA: a predictive statistical modelling study. Lancet Public Health, The, 2021, 6, e720-e728.	4.7	22
20	Use of open mobile mapping tool to assess human mobility traceability in rural offline populations with contrasting malaria dynamics. PeerJ, 2019, 7, e6298.	0.9	17
21	Microsatellite analysis reveals connectivity among geographically distant transmission zones of Plasmodium vivax in the Peruvian Amazon: A critical barrier to regional malaria elimination. PLoS Neglected Tropical Diseases, 2019, 13, e0007876.	1.3	15
22	Heat Waves and Emergency Department Visits Among the Homeless, San Diego, 2012–2019. American Journal of Public Health, 2022, 112, 98-106.	1.5	15
23	Methodological approaches for the prediction of opioid use-related epidemics in the United States: a narrative review and cross-disciplinary call to action. Translational Research, 2021, 234, 88-113.	2.2	13
24	Continuous Supply of *Plasmodium vivax* Sporozoites from Colonized *Anopheles darlingi* in the Peruvian Amazon. ACS Infectious Diseases, 2018, 4, 541-548.	1.8	12
25	Effectiveness of a Malaria Surveillance Strategy Based on Active Case Detection during High Transmission Season in the Peruvian Amazon. International Journal of Environmental Research and Public Health, 2018, 15, 2670.	1.2	11
26	Open-Source 3D Printable GPS Tracker to Characterize the Role of Human Population Movement on Malaria Epidemiology in River Networks: A Proof-of-Concept Study in the Peruvian Amazon. Frontiers in Public Health, 2020, 8, 526468.	1.3	10
27	The Relative Role of Climate Variation and Control Interventions on Malaria Elimination Efforts in El Oro, Ecuador: A Modeling Study. Frontiers in Environmental Science, 2020, 8, .	1.5	9
28	Collaboration in times of COVID-19: the urgent need for open-data sharing in Latin America. BMJ Health and Care Informatics, 2020, 27, e100159.	1.4	8
29	Temporal and Microspatial Heterogeneity in Transmission Dynamics of Coendemic *Plasmodium vivax* and *Plasmodium falciparum* in Two Rural Cohort Populations in the Peruvian Amazon. Journal of Infectious Diseases, 2021, 223, 1466-1477.	1.9	8
30	Spatial distribution of individuals with symptoms of depression in a periurban area in Lima: an example from Peru. Annals of Epidemiology, 2016, 26, 93-99.e2.	0.9	7
31	Mapping socioeconomic inequalities in malaria in Sub-Sahara African countries. Scientific Reports, 2021, 11, 15121.	1.6	7
32	Time-Varying Effects of Meteorological Variables on Malaria Epidemiology in the Context of Interrupted Control Efforts in the Amazon Rainforest, 2000–2017. Frontiers in Medicine, 2021, 8, 721515.	1.2	7
33	Technical Workflow Development for Integrating Drone Surveys and Entomological Sampling to Characterise Aquatic Larval Habitats of Anopheles funestus in Agricultural Landscapes in Côte d'Ivoire. Journal of Environmental and Public Health, 2021, 2021, 1-14.	0.4	7
34	Fluctuating temperature modifies heat-mortality association around the globe. Innovation(China), 2022, 3, 100225.	5.2	7
35	Malaria transmission structure in the Peruvian Amazon through antibody signatures to Plasmodium vivax. PLoS Neglected Tropical Diseases, 2022, 16, e0010415.	1.3	6
36	Cultural Values and the Coliform Bacterial Load of "Masato," an Amazon Indigenous Beverage. EcoHealth, 2020, 17, 370-380.	0.9	5

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37	Revealing the air pollution burden associated with internal Migration in Peru. Scientific Reports, 2020, 10, 7147.	1.6	5
38	Ecology and larval population dynamics of the primary malaria vector Nyssorhynchus darlingi in a high transmission setting dominated by fish farming in western Amazonian Brazil. PLoS ONE, 2021, 16, e0246215.	1.1	5
39	Insights into Plasmodium vivax Asymptomatic Malaria Infections and Direct Skin-Feeding Assays to Assess Onward Malaria Transmission in the Amazon. American Journal of Tropical Medicine and Hygiene, 2022, 107, 154-161.	0.6	3
40	Nyssorhynchus darlingi genome-wide studies related to microgeographic dispersion and blood-seeking behavior. Parasites and Vectors, 2022, 15, 106.	1.0	2
41	Title is missing!. , 2019, 13, e0007876.		0
42	Title is missing!. , 2019, 13, e0007876.		0
43	Title is missing!. , 2019, 13, e0007876.		0
44	Title is missing!. , 2019, 13, e0007876.		0
45	Missed opportunities for vaccination in Peru 2010â€"2020: A study of socioeconomic inequalities. The Lancet Regional Health Americas, 2022, 14, 100321.	1.5	0