Jorge Cano

List of Publications by Year
in descending order

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Version: 2024-02-01

90 papers	23,704 citations	126907 33 h-index	46799 89 g-index
99 all docs	99 docs citations	99 times ranked	37747 citing authors

#	Article	IF	Citations
1	Evaluation of antibody serology to determine current helminth and Plasmodium falciparum infections in a co-endemic area in Southern Mozambique. PLoS Neglected Tropical Diseases, 2022, 16, e0010138.	3.0	3
2	Prevalence and intensity of soil-transmitted helminth infections of children in sub-Saharan Africa, 2000â€“18: a geospatial analysis. The Lancet Global Health, 2021, 9, e52-e60.	6.3	39
3	Mapping suitability for Buruli ulcer at fine spatial scales across Africa: A modelling study. PLoS Neglected Tropical Diseases, 2021, 15, e0009157.	3.0	8
4	Modelling the spatial distribution of mycetoma in Sudan. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2021, 115, 1144-1152.	1.8	18
5	Baseline Mapping of Neglected Tropical Diseases in Africa: The Accelerated WHO/AFRO Mapping Project. American Journal of Tropical Medicine and Hygiene, 2021, 104, 2298-2304.	1.4	5
6	Towards soil-transmitted helminths transmission interruption: The impact of diagnostic tools on infection prediction in a low intensity setting in Southern Mozambique. PLoS Neglected Tropical Diseases, 2021, 15, e0009803.	3.0	11
7	Plasmodium falciparum and Helminth Coinfections Increase IgE and Parasite-Specific IgG Responses. Microbiology Spectrum, 2021, 9, e0110921.	3.0	8
8	Developing consensus of evidence to target case finding surveys for podoconiosis: a potentially forgotten disease in India. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2020, 114, 908-915.	1.8	2
9	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000â€“17. The Lancet Global Health, 2020, 8, e1038-e1060.	6.3	23
10	Preventive malaria treatment among school-aged children in sub-Saharan Africa: a systematic review and meta-analyses. The Lancet Global Health, 2020, 8, e1499-e1511.	6.3	60
11	Predicting the environmental suitability and population at risk of podoconiosis in Africa. PLoS Neglected Tropical Diseases, 2020, 14, e0008616.	3.0	9
12	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000â€“17. The Lancet Global Health, 2020, 8, e1162-e1185.	6.3	91
13	The global distribution of lymphatic filariasis, 2000â€“18: a geospatial analysis. The Lancet Global Health, 2020, 8, e1186-e1194.	6.3	98
14	Spatial-temporal patterns of malaria incidence in Uganda using HMIS data from 2015 to 2019. BMC Public Health, 2020, 20, 1913.	2.9	34
15	Developing and validating a clinical algorithm for the diagnosis of podoconiosis. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2020, 114, 916-925.	1.8	10
16	Measuring the spatial heterogeneity on the reduction of vaginal fistula burden in Ethiopia between 2005 and 2016. Scientific Reports, 2020, 10, 972.	3.3	2
17	Changes in the Transmission Dynamic of Chikungunya Virus in Southeastern Senegal. Viruses, 2020, 12, 196.	3.3	6
18	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. Nature Medicine, 2020, 26, 750-759.	30.7	47

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19	Community-level epidemiology of soil-transmitted helminths in the context of school-based deworming: Baseline results of a cluster randomised trial on the coast of Kenya. PLoS Neglected Tropical Diseases, 2019, 13, e0007427.	3.0	38
20	Devising a strategy for prevention of malaria in pregnant women in the Asia Pacific. Lancet Infectious Diseases, The, 2019, 19, 919-920.	9.1	3
21	Mapping the baseline prevalence of lymphatic filariasis across Nigeria. Parasites and Vectors, 2019, 12, 440.	2.5	13
22	Mapping the global distribution of Buruli ulcer: a systematic review with evidence consensus. The Lancet Global Health, 2019, 7, e912-e922.	6.3	52
23	Spatiotemporal Heterogeneity in the Distribution of Chikungunya and Zika Virus Case Incidences during their 2014 to 2016 Epidemics in Barranquilla, Colombia. International Journal of Environmental Research and Public Health, 2019, 16, 1759.	2.6	16
24	Understanding the spatial distribution of trichiasis and its association with trachomatous inflammationâ€"follicular. BMC Infectious Diseases, 2019, 19, 364.	2.9	13
25	Geographical distribution and prevalence of podoconiosis in Rwanda: a cross-sectional country-wide survey. The Lancet Global Health, 2019, 7, e671-e680.	6.3	32
26	Domains of transmission and association of community, school, and household sanitation with soil-transmitted helminth infections among children in coastal Kenya. PLoS Neglected Tropical Diseases, 2019, 13, e0007488.	3.0	7
27	Mapping the global distribution of podoconiosis: Applying an evidence consensus approach. PLoS Neglected Tropical Diseases, 2019, 13, e0007925.	3.0	18
28	Frequency and distribution of neglected tropical diseases in Mozambique: a systematic review. Infectious Diseases of Poverty, 2019, 8, 103.	3.7	9
29	Predicted distribution and burden of podoconiosis in Cameroon. BMJ Global Health, 2018, 3, e000730.	4.7	20
30	Global, regional, and national age-sex-specific mortality and life expectancy, 1950â€"2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1684-1735.	13.7	716
31	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980â€"2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1736-1788.	13.7	4,989
32	Population and fertility by age and sex for 195 countries and territories, 1950â€"2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1995-2051.	13.7	294
33	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990â€"2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1789-1858.	13.7	8,569
34	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 2091-2138.	13.7	335
35	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€"2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1859-1922.	13.7	2,123
36	Environmental suitability for lymphatic filariasis in Nigeria. Parasites and Vectors, 2018, 11, 513.	2.5	25

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37	Modelling the spatial distribution of aquatic insects (Order Hemiptera) potentially involved in the transmission of Mycobacterium ulcerans in Africa. Parasites and Vectors, 2018, 11, 501.	2.5	10
38	Role of Environmental Factors in Shaping Spatial Distribution ofSalmonella entericaSerovar Typhi, Fiji. Emerging Infectious Diseases, 2018, 24, 284-293.	4.3	19
39	Study of lymphoedema of non-filarial origin in the northwest region of Cameroon: spatial distribution, profiling of cases and socio-economic aspects of podoconiosis. International Health, 2018, 10, 285-293.	2.0	7
40	Identifying co-endemic areas for major filarial infections in sub-Saharan Africa: seeking synergies and preventing severe adverse events during mass drug administration campaigns. Parasites and Vectors, 2018, 11, 70.	2.5	24
41	Mapping the geographical distribution of podoconiosis in Cameroon using parasitological, serological, and clinical evidence to exclude other causes of lymphedema. PLoS Neglected Tropical Diseases, 2018, 12, e0006126.	3.0	40
42	Global epidemiology of podoconiosis: A systematic review. PLoS Neglected Tropical Diseases, 2018, 12, e0006324.	3.0	59
43	The global atlas of podoconiosis. The Lancet Global Health, 2017, 5, e477-e479.	6.3	30
44	Impact of single annual treatment and four-monthly treatment for hookworm and Ascaris lumbricoides, and factors associated with residual infection among Kenyan school children. Infectious Diseases of Poverty, 2017, 6, 30.	3.7	6
45	Estimating the number of cases of podoconiosis in Ethiopia using geostatistical methods. Wellcome Open Research, 2017, 2, 78.	1.8	36
46	Socioeconomic and environmental determinants of dengue transmission in an urban setting: An ecological study in NoumÃ©a, New Caledonia. PLoS Neglected Tropical Diseases, 2017, 11, e0005471.	3.0	66
47	A cross-sectional seroepidemiological survey of typhoid fever in Fiji. PLoS Neglected Tropical Diseases, 2017, 11, e0005786.	3.0	34
48	Why is malaria associated with poverty? Findings from a cohort study in rural Uganda. Infectious Diseases of Poverty, 2016, 5, 78.	3.7	49
49	Determinants of delay in malaria care-seeking behaviour for children 15Âyears and under in Bata district, Equatorial Guinea. Malaria Journal, 2016, 15, 187.	2.3	40
50	Plasmodium falciparum parasitaemia and clinical malaria among school children living in a high transmission setting in western Kenya. Malaria Journal, 2016, 15, 157.	2.3	28
51	Understanding the relationship between prevalence of microfilariae and antigenaemia using a model of lymphatic filariasis infection. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2016, 110, 118-124.	1.8	14
52	Integrating vector control across diseases. BMC Medicine, 2015, 13, 249.	5.5	98
53	Modelling the distribution and transmission intensity of lymphatic filariasis in sub-Saharan Africa prior to scaling up interventions: integrated use of geostatistical and mathematical modelling. Parasites and Vectors, 2015, 8, 560.	2.5	62
54	Molecular evidence of a Trypanosoma brucei gambiense sylvatic cycle in the human african trypanosomiasis foci of Equatorial Guinea. Frontiers in Microbiology, 2015, 6, 765.	3.5	20

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55	Shrinking the Lymphatic Filariasis Map of Ethiopia: Reassessing the Population at Risk through Nationwide Mapping. PLoS Neglected Tropical Diseases, 2015, 9, e0004172.	3.0	26
56	Influence of malaria transmission intensity and the 581G mutation on the efficacy of intermittent preventive treatment in pregnancy: systematic review and metaâ€analysis. Tropical Medicine and International Health, 2015, 20, 1621-1633.	2.3	53
57	An investigation of the disparity in estimates of microfilaraemia and antigenaemia in lymphatic filariasis surveys: FigureÂ1.. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 529-531.	1.8	7
58	Integrating Data and Resources on Neglected Tropical Diseases for Better Planning: The NTD Mapping Tool (NTDmap.org). PLoS Neglected Tropical Diseases, 2015, 9, e0003400.	3.0	13
59	Cessation of Mass Drug Administration for Lymphatic Filariasis in Zanzibar in 2006: Was Transmission Interrupted?. PLoS Neglected Tropical Diseases, 2015, 9, e0003669.	3.0	25
60	Epidemiology and Individual, Household and Geographical Risk Factors of Podoconiosis in Ethiopia: Results from the First Nationwide Mapping. American Journal of Tropical Medicine and Hygiene, 2015, 92, 148-158.	1.4	77
61	Geostatistical Modeling of Malaria Endemicity Using Serological Indicators of Exposure Collected Through School Surveys. American Journal of Tropical Medicine and Hygiene, 2015, 93, 168-177.	1.4	24
62	Mapping and Modelling the Geographical Distribution and Environmental Limits of Podoconiosis in Ethiopia. PLoS Neglected Tropical Diseases, 2015, 9, e0003946.	3.0	62
63	Understanding Heterogeneity in the Impact of National Neglected Tropical Disease Control Programmes: Evidence from School-Based Deworming in Kenya. PLoS Neglected Tropical Diseases, 2015, 9, e0004108.	3.0	24
64	The global distribution and transmission limits of lymphatic filariasis: past and present. Parasites and Vectors, 2014, 7, 466.	2.5	96
65	Glossina palpalis palpalis populations from Equatorial Guinea belong to distinct allopatric clades. Parasites and Vectors, 2014, 7, 31.	2.5	10
66	Innovative tools for assessing risks for severe adverse events in areas of overlapping Loa loa and other filarial distributions: the application of micro-stratification mapping. Parasites and Vectors, 2014, 7, 307.	2.5	41
67	Integrated mapping of lymphatic filariasis and podoconiosis: lessons learnt from Ethiopia. Parasites and Vectors, 2014, 7, 397.	2.5	46
68	Genetic diversity and signatures of selection of drug resistance in Plasmodium populations from both human and mosquito hosts in continental Equatorial Guinea. Malaria Journal, 2013, 12, 114.	2.3	18
69	Trypanosoma brucei gambiense Adaptation to Different Mammalian Sera Is Associated with VSG Expression Site Plasticity. PLoS ONE, 2013, 8, e85072.	2.5	8
70	Leishmaniasis Worldwide and Global Estimates of Its Incidence. PLoS ONE, 2012, 7, e35671.	2.5	4,058
71	Pyruvate Kinase Deficiency in Sub-Saharan Africa: Identification of a Highly Frequent Missense Mutation (G829A;Glu277Lys) and Association with Malaria. PLoS ONE, 2012, 7, e47071.	2.5	24
72	Duffy Negative Antigen Is No Longer a Barrier to Plasmodium vivax â€“ Molecular Evidences from the African West Coast (Angola and Equatorial Guinea). PLoS Neglected Tropical Diseases, 2011, 5, e1192.	3.0	157

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73	Different Lineages of Chikungunya Virus in Equatorial Guinea in 2002 and 2006. American Journal of Tropical Medicine and Hygiene, 2010, 82, 505-507.	1.4	19
74	Accuracy of an Immunochromatographic Diagnostic Test (ICT Malaria Combo Cassette Test) Compared to Microscopy among under Five-Year-Old Children when Diagnosing Malaria in Equatorial Guinea. Malaria Research and Treatment, 2010, 2010, 1-6.	2.0	6
75	Screening of Trypanosoma brucei gambiense in Domestic Livestock and Tsetse Flies from an Insular Endemic Focus (Luba, Equatorial Guinea). PLoS Neglected Tropical Diseases, 2010, 4, e704.	3.0	23
76	Trypanosoma brucei gambiense in domestic livestock of Kogo and Mbini foci (Equatorial) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.3	39
77	Evidence for a discrete evolutionary lineage within Equatorial Guinea suggests that the tsetse flyGlossina palpalis palpalisexists as a species complex. Molecular Ecology, 2009, 18, 3268-3282.	3.9	31
78	Knockdown resistance mutations (kdr) and insecticide susceptibility to DDT and pyrethroids in Anopheles gambiae from Equatorial Guinea. Tropical Medicine and International Health, 2008, 13, 430-433.	2.3	25
79	An alternative approach to detect Trypanosoma in Glossina (Diptera, Glossinidae) without dissection. Journal of Infection in Developing Countries, 2008, 2, 63-7.	1.2	7
80	Predicted distribution and movement of Glossina palpalis palpalis (Diptera: Glossinidae) in the wet and dry seasons in the Kogo trypanosomiasis focus (Equatorial Guinea). Journal of Vector Ecology, 2007, 32, 218.	1.0	8
81	Transmission of malaria and genotypic variability of Plasmodium falciparum on the Island of Annobon (Equatorial Guinea). Malaria Journal, 2007, 6, 141.	2.3	6
82	Genetic population structure of Anopheles gambiae in Equatorial Guinea. Malaria Journal, 2007, 6, 137.	2.3	37
83	Spatial and temporal variability of the Glossina palpalis palpalis population in the Mbini focus (Equatorial Guinea). International Journal of Health Geographics, 2007, 6, 36.	2.5	12
84	Spatial variability in the density, distribution and vectorial capacity of anopheline species in a high transmission village (Equatorial Guinea). Malaria Journal, 2006, 5, 21.	2.3	41
85	Impact of different strategies to control Plasmodium infection and anaemia on the island of Bioko (Equatorial Guinea). Malaria Journal, 2006, 5, 10.	2.3	24
86	Real-time quantitative PCR with SYBR Green I detection for estimating copy numbers of nine drug resistance candidate genes in Plasmodium falciparum. Malaria Journal, 2006, 5, 1.	2.3	184
87	LARVAE STAGE DESCRIPTION OF ANOPHELES (CELLIA) CARNEVALEI FROM ADULT INDIVIDUALS COLLECTED IN EQUATORIAL GUINEA. Journal of the American Mosquito Control Association, 2006, 22, 318-323.	0.7	0
88	Malaria Vectors in the Bioko Island (Equatorial Guinea): Estimation of Vector Dynamics and Transmission Intensities. Journal of Medical Entomology, 2004, 41, 158-161.	1.8	44
89	Malaria Panel Assay versus PCR: detection of naturally infected Anopheles melas in a coastal village of Equatorial Guinea. Malaria Journal, 2004, 3, 20.	2.3	22
90	Estimating the number of cases of podoconiosis in Ethiopia using geostatistical methods. Wellcome Open Research, 0, 2, 78.	1.8	8