Francisco Chiaravalloti-Neto

List of Publications by Year
in descending order

118 papers	2,660 citations	159358 30 h-index	276539 41 g-index
147 all docs	147 docs citations	147 times ranked	3664 citing authors

#	Article	IF	Citations
1	COVID-19 and dengue fever: A dangerous combination for the health system in Brazil. Travel Medicine and Infectious Disease, 2020, 35, 101659.	1.5	104
2	Spatial correlation of incidence of dengue with socioeconomic, demographic and environmental variables in a Brazilian city. Science of the Total Environment, 2008, 393, 241-248.	3.9	96
3	Saint Louis Encephalitis Virus, Brazil. Emerging Infectious Diseases, 2007, 13, 176-178.	2.0	77
4	Evidence of natural Zika virus infection in neotropical non-human primates in Brazil. Scientific Reports, 2018, 8, 16034.	1.6	68
5	Study of the relationship between Aedes (Stegomyia) aegypti egg and adult densities, dengue fever and climate in Mirassol, state of SÃ£o Paulo, Brazil. Memorias Do Instituto Oswaldo Cruz, 2008, 103, 554-560.	0.8	63
6	Spatio-Temporal Tracking and Phylodynamics of an Urban Dengue 3 Outbreak in SÃ£o Paulo, Brazil. PLoS Neglected Tropical Diseases, 2009, 3, e448.	1.3	56
7	Impact of environmental factors on neglected emerging arboviral diseases. PLoS Neglected Tropical Diseases, 2017, 11, e0005959.	1.3	53
8	Dengue forecasting in SÃ£o Paulo city with generalized additive models, artificial neural networks and seasonal autoregressive integrated moving average models. PLoS ONE, 2018, 13, e0195065.	1.1	49
9	Seasonal and spatial distribution of Aedes aegypti and Aedes albopictus in a municipal urban park in SÃ£o Paulo, SP, Brazil. Acta Tropica, 2019, 189, 104-113.	0.9	48
10	Introducao e expansao da Leishmaniose visceral americana em humanos no estado de Sao Paulo, 1999-2011. Revista De Saude Publica, 2013, 47, 691-700.	0.7	47
11	Incidence and mortality for respiratory cancer and traffic-related air pollution in SÃ£o Paulo, Brazil. Environmental Research, 2019, 170, 243-251.	3.7	47
12	Detection of Saint Louis Encephalitis Virus in Dengue-Suspected Cases During a Dengue 3 Outbreak. Vector-Borne and Zoonotic Diseases, 2011, 11, 291-300.	0.6	46
13	Simultaneous infection by DENV-3 and SLEV in Brazil. Journal of Clinical Virology, 2007, 40, 84-86.	1.6	44
14	Spatiotemporal ecological study of COVID-19 mortality in the city of SÃ£o Paulo, Brazil: Shifting of the high mortality risk from areas with the best to those with the worst socio-economic conditions. Travel Medicine and Infectious Disease, 2021, 39, 101945.	1.5	43
15	The Impact of Restricting Over-the-Counter Sales of Antimicrobial Drugs. Medicine (United States), 2015, 94, e1605.	0.4	42
16	Physiological state of Aedes (Stegomyia) aegypti mosquitoes captured with MosquiTRAPsâ„¢ in Mirassol, SÃ£o Paulo, Brazil. Journal of Vector Ecology, 2006, 31, 285-291.	0.5	40
17	Socioâ€economic and environmental effects influencing the development of leprosy in Bahia, northâ€eastern Brazil. Tropical Medicine and International Health, 2014, 19, 1504-1514.	1.0	40
18	Ãreas de vulnerabilidade para co-infecÃ§Ã£o HIV-aids/TB em RibeirÃ£o Preto, SP. Revista De Saude Publica, 2011, 45, 556-563.	0.7	39

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19	Low socioeconomic condition and the risk of dengue fever: A direct relationship. Acta Tropica, 2018, 180, 47-57.	0.9	38
20	Mortalidade por doenÃ§as cardiovasculares e nÃveis socioeconÃ´micos na populaÃ§Ã£o de SÃ£o JosÃ© do Rio Preto, estado de SÃ£o Paulo, Brasil. Arquivos Brasileiros De Cardiologia, 2007, 88, 200-206.	0.3	37
21	Spatial analysis of leprosy incidence and associated socioeconomic factors. Revista De Saude Publica, 2012, 46, 110-118.	0.7	37
22	Mayaro virus distribution in South America. Acta Tropica, 2019, 198, 105093.	0.9	37
23	Identification of the best ovitrap installation sites for gravid Aedes (Stegomyia) aegypti in residences in Mirassol, state of SÃ£o Paulo, Brazil. Memorias Do Instituto Oswaldo Cruz, 2005, 100, 339-343.	0.8	36
24	First Identification of <i>Culex flavivirus</i> (Flaviviridae) in Brazil. Intervirology, 2012, 55, 475-483.	1.2	35
25	Spatial clustering and local risk of leprosy in SÃ£o Paulo, Brazil. PLoS Neglected Tropical Diseases, 2017, 11, e0005381.	1.3	34
26	AvaliaÃ§Ã£o dos resultados de atividades de incentivo Ã participaÃ§Ã£o da comunidade no controle da dengue em um bairro perifÃ©rico do MunicÃpio de SÃ£o JosÃ© do Rio Preto, SÃ£o Paulo, e da relaÃ§Ã£o entre conhecimentos e prÃ¡ticas desta populaÃ§Ã£o. Cadernos De Saude Publica, 1998, 14, S101-S109.	0.4	33
27	Visceral leishmaniasis in the state of Sao Paulo, Brazil: spatial and space-time analysis. Revista De Saude Publica, 2016, 50, 48.	0.7	33
28	Parvoviruses PARV4 and PARV5 and Hepatitis C Virus. Emerging Infectious Diseases, 2006, 13, 175-176.	2.0	31
29	Potential risks of Zika and chikungunya outbreaks in Brazil: A modeling study. International Journal of Infectious Diseases, 2018, 70, 20-29.	1.5	28
30	Spatial and temporal distribution of American cutaneous leishmaniasis in Acre state, Brazil. Infectious Diseases of Poverty, 2017, 6, 99.	1.5	27
31	Social determinants, their relationship with leprosy risk and temporal trends in a tri-border region in Latin America. PLoS Neglected Tropical Diseases, 2018, 12, e0006407.	1.3	26
32	Seroprevalence for dengue virus in a hyperendemic area and associated socioeconomic and demographic factors using a cross-sectional design and a geostatistical approach, state of SÃ£o Paulo, Brazil. BMC Infectious Diseases, 2019, 19, 441.	1.3	25
33	Dispersal of Lutzomyia longipalpis and expansion of canine and human visceral leishmaniasis in SÃ£o Paulo State, Brazil. Acta Tropica, 2016, 164, 233-242.	0.9	23
34	Assessment of entomological indicators of Aedes aegypti (L.) from adult and egg collections in SÃ£o Paulo, Brazil. Journal of Vector Ecology, 2008, 33, 8-16.	0.5	20
35	Spatial and temporal epidemiology of malaria in extra-Amazonian regions of Brazil. Malaria Journal, 2015, 14, 408.	0.8	20
36	Human visceral leishmaniasis and relationship with vector and canine control measures. Revista De Saude Publica, 2018, 52, 92.	0.7	20

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37	Dispersion of Lutzomyia longipalpis and expansion of visceral leishmaniasis in SÃ£o Paulo State, Brazil: identification of associated factors through survival analysis. Parasites and Vectors, 2018, 11, 503.	1.0	20
38	Temporal, spatial and spatiotemporal analysis of the occurrence of visceral leishmaniasis in humans in the City of Birigui, State of SÃ£o Paulo, from 1999 to 2012. Revista Da Sociedade Brasileira De Medicina Tropical, 2014, 47, 350-358.	0.4	19
39	Remote sensing for risk mapping of Aedes aegypti infestations: Is this a practical task?. Acta Tropica, 2020, 205, 105398.	0.9	19
40	Risk mapping of visceral leishmaniasis in Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2019, 52, e20190240.	0.4	19
41	Assessment of the relationship between entomologic indicators of Aedes aegypti and the epidemic occurrence of dengue virus 3 in a susceptible population, SÃ£o JosÃ© do Rio Preto, SÃ£o Paulo, Brazil. Acta Tropica, 2015, 142, 167-177.	0.9	18
42	Aedes aegypti entomological indices in an endemic area for dengue in Sao Paulo State, Brazil. Revista De Saude Publica, 2013, 47, 588-597.	0.7	16
43	Characterization of Black Spot Zones for Vulnerable Road Users in SÃ£o Paulo (Brazil) and Rome (Italy). ISPRS International Journal of Geo-Information, 2015, 4, 858-882.	1.4	16
44	Spatial and spatio-temporal analysis of malaria in the state of Acre, western Amazon, Brazil. Geospatial Health, 2016, 11, 443.	0.3	16
45	How do social-economic differences in urban areas affect tuberculosis mortality in a city in the tri-border region of Brazil, Paraguay and Argentina. BMC Public Health, 2018, 18, 795.	1.2	16
46	Hairdressers are exposed to high concentrations of formaldehyde during the hair straightening procedure. Environmental Science and Pollution Research, 2019, 26, 27319-27329.	2.7	16
47	Using adult Aedes aegypti females to predict areas at risk for dengue transmission: A spatial case-control study. Acta Tropica, 2018, 182, 43-53.	0.9	15
48	Aedes albopictus (S) na regiÃ£o de SÃ£o JosÃ© do Rio Preto, SP: estudo da sua infestaÃ§Ã£o em Ã¡rea jÃ¡ ocupada pelo Aedes aegypti e discussÃ£o de seu papel como possÃ¡vel vetor de dengue e febre amarela. Revista Da Sociedade Brasileira De Medicina Tropical, 2002, 35, 351-357.	0.4	14
49	Spatio-temporal analysis of the occurrence of human visceral leishmaniasis in AraÃ§atuba, State of SÃ£o Paulo, Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2018, 51, 452-460.	0.4	14
50	Have measures against COVID-19 helped to reduce dengue cases in Brazil?. Travel Medicine and Infectious Disease, 2020, 37, 101827.	1.5	14
51	Finding Aedes aegypti in a natural breeding site in an urban zone, Sao Paulo, Southeastern Brazil. Revista De Saude Publica, 2016, 50, 3.	0.7	13
52	Modelo de risco tempo-espacial para identificaÃ§Ã£o de Ã¡reas de risco para ocorrÃªncia de dengue. Revista De Saude Publica, 2008, 42, 656-663.	0.7	13
53	Spatial analysis of avoidable hospitalizations due to tuberculosis in Ribeirao Preto, SP, Brazil (2006-2012). Revista De Saude Publica, 2016, 50, 20.	0.7	12
54	Breast cancer mortality and associated factors in SÃ£o Paulo State, Brazil: an ecological analysis. BMJ Open, 2017, 7, e016395.	0.8	12

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55	Predicting Aedes aegypti infestation using landscape and thermal features. Scientific Reports, 2020, 10, 21688.	1.6	11
56	Spatiotemporal evolution of dengue outbreaks in Brazil. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2020, 114, 593-602.	0.7	11
57	Atrasos na suspeita e no diagnÃ³stico de tuberculose e fatores relacionados. Revista Brasileira De Epidemiologia, 2015, 18, 809-823.	0.3	10
58	PadrÃ£o espacial da mortalidade por cÃ¢ncer de mama e colo do Ãºtero na cidade de SÃ£o Paulo. Revista De Saude Publica, 2020, 54, 142.	0.7	10
59	Criadouro de Aedes aegypti em reservatÃ³rio subterrÃ¢neo de Ã¡gua da chuva: um alerta. Revista De Saude Publica, 2017, 51, 122.	0.7	9
60	Spatial risk of tuberculosis mortality and social vulnerability in Northeast Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2017, 50, 693-697.	0.4	9
61	Canine visceral leishmaniasis in AraÃ§atuba, state of SÃ£o Paulo, Brazil, and its relationship with characteristics of dogs and their owners: a cross-sectional and spatial analysis using a geostatistical approach. BMC Veterinary Research, 2018, 14, 229.	0.7	9
62	Diversity of Biomphalaria spp. freshwater snails and associated mollusks in areas with schistosomiasis risk, using molecular and spatial analysis tools. Biota Neotropica, 2019, 19, .	0.2	9
63	Diffusion of sylvatic yellow fever in the state of SÃ£o Paulo, Brazil. Scientific Reports, 2021, 11, 16277.	1.6	9
64	Deforestation hotspots, climate crisis, and the perfect scenario for the next epidemic: The Amazon time bomb. Science of the Total Environment, 2021, 783, 147090.	3.9	9
65	Evaluation of oviposition traps as an entomological surveillance method for Aedes aegypti (Diptera,) Tj ETQq1 1 0.784314 rgBT /Over	0.1	9
66	Scorpion envenomation in the state of SÃ£o Paulo, Brazil: Spatiotemporal analysis of a growing public health concern. PLoS ONE, 2022, 17, e0266138.	1.1	9
67	Occurrence of Lutzomyia longipalpis andhuman and canine cases of visceral leishmaniasis and evaluation of their expansion in the Northwest region of the State of SÃ£o Paulo, Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2016, 49, 41-50.	0.4	8
68	Areas with evidence of equity and their progress on mortality from tuberculosis in an endemic municipality of southeast Brazil. Infectious Diseases of Poverty, 2017, 6, 134.	1.5	8
69	Examining socio-economic factors to understand the hospital case fatality rates of COVID-19 in the city of SÃ£o Paulo, Brazil. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2021, 115, 1282-1287.	0.7	8
70	O GEOPROCESSAMENTO E SAÃšDE PÃšBLICA. Arquivos De CiÃªncias Da SaÃºde, 2016, 23, 01.	0.3	8
71	Spatial and spatiotemporal occurrence of human visceral leishmaniasis in Adamantina, State of SÃ£o Paulo, Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2015, 48, 716-723.	0.4	7
72	Death in patients with tuberculosis and diabetes: Associated factors. Diabetes Research and Clinical Practice, 2016, 120, 111-116.	1.1	7

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73	Bayesian model and spatial analysis of oral and oropharynx cancer mortality in Minas Gerais, Brazil. Ciencia E Saude Coletiva, 2018, 23, 153-160.	0.1	7
74	Detection of risk clusters for deaths due to tuberculosis specifically in areas of southern Brazil where the disease was supposedly a non-problem. BMC Infectious Diseases, 2019, 19, 628.	1.3	7
75	Detection of Zika RNA virus in Aedes aegypti and Aedes albopictus mosquitoes, SÃ£o Paulo, Brazil. Infection, Genetics and Evolution, 2022, 98, 105226.	1.0	7
76	Water tank and swimming pool detection based on remote sensing and deep learning: Relationship with socioeconomic level and applications in dengue control. PLoS ONE, 2021, 16, e0258681.	1.1	7
77	Integrated health service delivery networks and tuberculosis avoidable hospitalizations: is there a relation between them in Brazil?. BMC Health Services Research, 2016, 16, 78.	0.9	6
78	Tuberculosis among South American immigrants in SÃ£o Paulo municipality: an analysis in space and time. International Journal of Tuberculosis and Lung Disease, 2018, 22, 80-85.	0.6	6
79	Influence of strategic points in the dispersion of Aedes aegypti in infested areas. Revista De Saude Publica, 2019, 53, 29.	0.7	6
80	Canine serological survey and dog culling and its relationship with human visceral leishmaniasis in an endemic urban area. BMC Infectious Diseases, 2020, 20, 401.	1.3	6
81	Effect of social isolation in dengue cases in the state of Sao Paulo, Brazil: An analysis during the COVID-19 pandemic. Travel Medicine and Infectious Disease, 2021, 44, 102149.	1.5	6
82	Detection of areas vulnerable to scorpionism and its association with environmental factors in SÃ£o Paulo, Brazil. Acta Tropica, 2022, 230, 106390.	0.9	6
83	Evaluation of two sweeping methods for estimating the number of immature Aedes aegypti (Diptera:) Tj ETQq1 1 0.784314 rgBT /Ove	0.4	5
84	MudanÃ§as climÃ¡ticas e saÃºde urbana. Revista USP, 2015, , 79-90.	0.1	5
85	How many AIDS epidemics can occur in SÃ£o Paulo city?. Revista De Saude Publica, 2018, 52, 63.	0.7	5
86	Kerteszia cruzii and extra-Amazonian malaria in Brazil: Challenges due to climate change in the Atlantic Forest. Infection, Genetics and Evolution, 2020, 85, 104456.	1.0	5
87	Modelling the present and future distribution of Biomphalaria species along the watershed of the Middle Paranapanema region, SÃ£o Paulo, Brazil. Acta Tropica, 2021, 214, 105764.	0.9	5
88	A difÃcil interface controle de vetores - atenÃ§Ã£o bÃ¡sica: inserÃ§Ã£o dos agentes de controle de vetores da dengue junto Ãs equipes de saÃºde das unidades bÃ¡sicas no municÃpio de SÃ£o JosÃ© do Rio Preto, SP. Saude E Sociedade, 2014, 23, 1018-1032.	0.1	5
89	Leptospirosis and its spatial and temporal relations with natural disasters in six municipalities of Santa Catarina, Brazil, from 2000 to 2016. Geospatial Health, 2020, 15, .	0.3	5
90	Surveillance of DENV in a city from SÃ£o Paulo from 2006 to 2011: the emergence of DENV-3 and DENV-4 and the reemergence of DENV-2 and DENV-1. International Journal of Infectious Diseases, 2012, 16, e267-e268.	1.5	4

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91	TUBERCULOSE E ANÃLISE ESPACIAL: REVISÃƒO DA LITERATURA. Ciencia Y Enfermeria, 2014, 20, 117-129.	0.2	4
92	Pulmonary tuberculosis in SÃ£o Luis, State of MaranhÃ£o, Brazil: space and space-time risk clusters for death (2008-2012). Revista Da Sociedade Brasileira De Medicina Tropical, 2015, 48, 69-76.	0.4	4
93	Incidence and mortality risk for respiratory tract cancer in the city of SÃ£o Paulo, Brazil: Bayesian analysis of the association with traffic density. Cancer Epidemiology, 2018, 56, 53-59.	0.8	4
94	Spatial analysis of elder abuse in a Brazilian municipality. Revista Brasileira De Enfermagem, 2021, 74, e20190141.	0.2	4
95	Outubro Rosa e mamografias: quando a comunicaÃ§Ã£o em saÃºde erra o alvo. Cadernos De Saude Publica, 2021, 37, e00149620.	0.4	4
96	Spatiotemporal dynamics of syphilis in pregnant women and congenital syphilis in the state of SÃ£o Paulo, Brazil. Scientific Reports, 2022, 12, 585.	1.6	4
97	Impact of climate change on West Nile virus distribution in South America. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2022, 116, 1043-1053.	0.7	4
98	Bayesian modeling of hematologic cancer and vehicular air pollution among young people in the city of SÃ£o Paulo, Brazil. International Journal of Environmental Health Research, 2020, 30, 504-514.	1.3	3
99	CaracterizaÃ§Ã£o do consumo de maconha entre escolares do ensino mÃ©dio de SÃ£o JosÃ© do Rio Preto, SP, Brasil, 2003. Revista Brasileira De Epidemiologia, 2007, 10, 157-167.	0.3	3
100	Aids em homens no municÃpio de SÃ£o Paulo, 1980â€“2012. Revista De Saude Publica, 2020, 54, 96.	0.7	3
101	Spatio-temporal dynamics of dengue-related deaths and associated factors. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2022, 64, e30.	0.5	3
102	Schistosomiasis in the Middle Paranapanema river region, state of SÃ£o Paulo, Brazil: Does it matter today for public health?. Revista Da Sociedade Brasileira De Medicina Tropical, 2019, 52, e20180447.	0.4	2
103	Use of an Extended Premise Condition Index for detection of priority areas for vector control actions. Acta Tropica, 2020, 209, 105543.	0.9	2
104	Spatial analysis of areas at risk for schistosomiasis in the Alto TietÃª Basin, SÃ£o Paulo, Brazil. Acta Tropica, 2021, 224, 106132.	0.9	2
105	AvaliaÃ§Ã£o da assistÃªncia Ãs gestantes: o caso do municÃpio de SÃ£o JosÃ© do Rio Preto, SÃ£o Paulo, Brasil. Revista Brasileira De Saude Materno Infantil, 2004, 4, 375-384.	0.2	2
106	Recidiva da Tuberculose: fatores associados em um Grupo de VigilÃ¢ncia EpidemiolÃ³gica de SÃ£o Paulo. Revista EletrÃ´nica De Enfermagem, 0, 19, .	0.1	2
107	A TRAJETÃ“RIA DA EPIDEMIA DE AIDS NAS MULHERES RESIDENTES NO MUNICÃPIO DE SÃƒO PAULO, DE 1983 A 2012. Hygeia: Revista Brasileira De Geografia MÃ©dica E Da SaÃºde, 2017, 13, .	0.2	2
108	Association between densities of adult and immature stages of Aedes aegypti mosquitoes in space and time: implications for vector surveillance. Parasites and Vectors, 2022, 15, 133.	1.0	2

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109	Total antibiotic use in a state-wide area and resistance patterns in Brazilian hospitals: an ecologic study. Brazilian Journal of Infectious Diseases, 2020, 24, 479-488.	0.3	1
110	Bayesian spatio-temporal models for mapping TB mortality risk and its relationship with social inequities in a region from Brazilian Legal Amazon. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2020, 114, 323-331.	0.7	1
111	The impact of social inequities on mortality due to pulmonary tuberculosis in SÃ£o Luis, MaranhÃ£o, Brazil. International Archive of Medicine, 0, , .	1.2	1
112	Spatial analysis and factors associated with leptospirosis in Santa Catarina, Brazil, 2001-2015. Revista Da Sociedade Brasileira De Medicina Tropical, 2020, 53, e20200466.	0.4	1
113	Spatial analysis of pneumococcal meningitis in SÃ£o Paulo in the pre- and post-immunization era. Revista De Saude Publica, 2019, 53, 59.	0.7	0
114	Geographic Information System-based association between the sewage network, geographical location of intermediate hosts, and autochthonous cases for the estimation of risk areas of schistosomiasis infection in Ourinhos, SÃ£o Paulo, Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2021, 54, e0851.	0.4	0
115	Geoclimatic, demographic and socioeconomic characteristics related to dengue outbreaks in Southeastern Brazil: an annual spatial and spatiotemporal risk model over a 12-year period. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2021, 63, e70.	0.5	0
116	Spatial analysis of the wing shape of Aedes aegypti mosquito in an endemic dengue area of SÃ£o Paulo, Brazil. International Journal of Tropical Insect Science, 2022, 42, 1561-1568.	0.4	0
117	Hospitalizations and re-hospitalizations due to tuberculosis: economic costs and spatial distribution analysis in an endemic Northeastern city, Brazil. International Archive of Medicine, 0, , .	1.2	0
118	Effect of social development in reducing tuberculosis mortality In northeastern Brazil areas. Journal of Infection in Developing Countries, 2020, 14, 869-877.	0.5	0