

# Claudio JosÃ© Struchiner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8193442/publications.pdf>

Version: 2024-02-01

199  
papers

7,920  
citations

61984

43  
h-index

71685

76  
g-index

247  
all docs

247  
docs citations

247  
times ranked

10760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. <i>Science</i> , 2015, 347, 1258522.	12.6	492
2	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12168-12173.	7.1	482
3	SARS-CoV-2 antibody prevalence in Brazil: results from two successive nationwide serological household surveys. <i>The Lancet Global Health</i> , 2020, 8, e1390-e1398.	6.3	292
4	Study Designs for Evaluating Different Efficacy and Effectiveness Aspects of Vaccines. <i>American Journal of Epidemiology</i> , 1997, 146, 789-803.	3.4	284
5	Direct and Indirect Effects in Vaccine Efficacy and Effectiveness. <i>American Journal of Epidemiology</i> , 1991, 133, 323-331.	3.4	258
6	Causal Inference in Infectious Diseases. <i>Epidemiology</i> , 1995, 6, 142-151.	2.7	209
7	Study Designs for Dependent Happenings. <i>Epidemiology</i> , 1991, 2, 331-338.	2.7	198
8	Design and Analysis of Vaccine Studies. <i>Statistics in the Health Sciences</i> , 2010, , .	0.2	189
9	Design and Interpretation of Vaccine Field Studies. <i>Epidemiologic Reviews</i> , 1999, 21, 73-88.	3.5	153
10	Time Series Analysis of Dengue Incidence in Rio de Janeiro, Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 79, 933-939.	1.4	139
11	Population-based surveys of antibodies against SARS-CoV-2 in Southern Brazil. <i>Nature Medicine</i> , 2020, 26, 1196-1199.	30.7	132
12	Gestational Weight Gain and Prepregnancy Weight Influence Postpartum Weight Retention in a Cohort of Brazilian Women. <i>Journal of Nutrition</i> , 2004, 134, 661-666.	2.9	130
13	Increasing Dengue Incidence in Singapore over the Past 40 Years: Population Growth, Climate and Mobility. <i>PLoS ONE</i> , 2015, 10, e0136286.	2.5	117
14	Pharmacogenetics of Warfarin: Development of a Dosing Algorithm for Brazilian Patients. <i>Clinical Pharmacology and Therapeutics</i> , 2008, 84, 722-728.	4.7	112
15	Key questions for modelling COVID-19 exit strategies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201405.	2.6	106
16	Assessment of the Direct Effectiveness of BC Meningococcal Vaccine in Rio de Janeiro, Brazil: A Case-Control Study. <i>International Journal of Epidemiology</i> , 1995, 24, 1050-1057.	1.9	97
17	Estimability and Interpretation of Vaccine Efficacy Using Frailty Mixing Models. <i>American Journal of Epidemiology</i> , 1996, 144, 83-97.	3.4	91
18	Circling spreading depression in isolated chick retina.. <i>Journal of Neurophysiology</i> , 1974, 37, 773-784.	1.8	88

#	ARTICLE	IF	CITATIONS
19	Factors Associated with Visceral Leishmaniasis in the Americas: A Systematic Review and Meta-Analysis. PLoS Neglected Tropical Diseases, 2013, 7, e2182.	3.0	88
20	Risk Factors for Adverse Prognosis and Death in American Visceral Leishmaniasis: A Meta-analysis. PLoS Neglected Tropical Diseases, 2014, 8, e2982.	3.0	74
21	Breastfeeding and postpartum weight retention in a cohort of Brazilian women. American Journal of Clinical Nutrition, 2004, 79, 487-493.	4.7	69
22	Exploring the Distribution of Genetic Markers of Pharmacogenomics Relevance in Brazilian and Mexican Populations. PLoS ONE, 2014, 9, e112640.	2.5	67
23	Self-reported skin color, genomic ancestry and the distribution of GST polymorphisms. Pharmacogenetics and Genomics, 2007, 17, 765-771.	1.5	63
24	Effectiveness of BCG vaccination among leprosy contacts: a cohort study. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2008, 102, 631-638.	1.8	63
25	Pharmacogenomic Diversity among Brazilians: Influence of Ancestry, Self-Reported Color, and Geographical Origin. Frontiers in Pharmacology, 2012, 3, 191.	3.5	63
26	Assessing the Efficacy of a Mixed Vaccination Strategy against Rubella in SÃ£o Paulo, Brazil. International Journal of Epidemiology, 1995, 24, 842-850.	1.9	60
27	Risk of the Brazilian health care system over 5572 municipalities to exceed health care capacity due to the 2019 novel coronavirus (COVID-19). Science of the Total Environment, 2020, 730, 139144.	8.0	60
28	Anopheline salivary protein genes and gene families: an evolutionary overview after the whole genome sequence of sixteen Anopheles species. BMC Genomics, 2017, 18, 153.	2.8	59
29	A systematic review and meta-analysis of the factors associated with Leishmania infantum infection in dogs in Brazil. Veterinary Parasitology, 2013, 195, 1-13.	1.8	57
30	Modeling malaria vaccines II: Population effects of stage-specific malaria vaccines dependent on natural boosting. Mathematical Biosciences, 1989, 94, 115-149.	1.9	56
31	Exposure efficacy and change in contact rates in evaluating prophylactic HIV vaccines in the field. Statistics in Medicine, 1994, 13, 357-377.	1.6	52
32	The Behaviour of Common Measures of Association Used to Assess a Vaccination Programme under Complex Disease Transmission Patterns—A Computer Simulation Study of Malaria Vaccines. International Journal of Epidemiology, 1990, 19, 187-196.	1.9	51
33	Uncertainties regarding dengue modeling in Rio de Janeiro, Brazil. Memorias Do Instituto Oswaldo Cruz, 2003, 98, 871-8.	1.6	51
34	Fuzzy Logic in Action: Applications in Epidemiology and Beyond. Studies in Fuzziness and Soft Computing, 2008, , .	0.8	50
35	Risk of fatal adverse events associated with 17DD yellow fever vaccine. Epidemiology and Infection, 2004, 132, 939-946.	2.1	49
36	Modeling malaria vaccines I: New uses for old ideas. Mathematical Biosciences, 1989, 94, 87-113.	1.9	48

#	ARTICLE	IF	CITATIONS
37	How host heterogeneity governs tuberculosis reinfection?. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2473-2478.	2.6	48
38	Impact of CYP4F2 rs2108622 on the Stable Warfarin Dose in an Admixed Patient Cohort. Clinical Pharmacology and Therapeutics, 2010, 87, 417-420.	4.7	47
39	Modeling Importations and Exportations of Infectious Diseases via Travelers. Bulletin of Mathematical Biology, 2016, 78, 185-209.	1.9	46
40	Why do we need alternative tools to control mosquito-borne diseases in Latin America?. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 828-829.	1.6	45
41	Impact of population admixture on the distribution of the CYP3A5*3 polymorphism. Pharmacogenomics, 2007, 8, 1299-1306.	1.3	44
42	Pharmacogenetics of calcineurin inhibitors in Brazilian renal transplant patients. Pharmacogenomics, 2011, 12, 1293-1303.	1.3	44
43	Estimating the probability of dengue virus introduction and secondary autochthonous cases in Europe. Scientific Reports, 2018, 8, 4629.	3.3	44
44	Global pharmacogenomics: Impact of population diversity on the distribution of polymorphisms in the CYP2C cluster among Brazilians. Pharmacogenomics Journal, 2012, 12, 267-276.	2.0	42
45	Impact of insecticide interventions on the abundance and resistance profile of <i>Aedes aegypti</i> . Epidemiology and Infection, 2009, 137, 1203-1215.	2.1	41
46	Fuzzy epidemics. Artificial Intelligence in Medicine, 2003, 29, 241-259.	6.5	40
47	Distribution of <i>ABCB1</i> polymorphisms among Brazilians: impact of population admixture. Pharmacogenomics, 2008, 9, 267-276.	1.3	40
48	CYP3A5 Genotype, but Not CYP3A4*1b, CYP3A4*22, or Hematocrit, Predicts Tacrolimus Dose Requirements in Brazilian Renal Transplant Patients. Clinical Pharmacology and Therapeutics, 2013, 94, 201-202.	4.7	40
49	Modeling Transmission Dynamics and Control of Vector-Borne Neglected Tropical Diseases. PLoS Neglected Tropical Diseases, 2010, 4, e761.	3.0	39
50	Modelling heterogeneities in individual frailties in epidemic models. Mathematical and Computer Modelling, 1999, 30, 97-115.	2.0	38
51	Yellow fever vaccination: How much is enough?. Vaccine, 2005, 23, 3908-3914.	3.8	38
52	<i>ABCB1</i> polymorphisms and the concentrations of lopinavir and ritonavir in blood, semen and saliva of HIV-infected men under antiretroviral therapy. Pharmacogenomics, 2009, 10, 311-318.	1.3	38
53	An Updated Insight into the Sialotranscriptome of <i>Triatoma infestans</i> : Developmental Stage and Geographic Variations. PLoS Neglected Tropical Diseases, 2014, 8, e3372.	3.0	38
54	Epidemiologic effects of vaccines with complex direct effects in an age-structured population. Mathematical Biosciences, 1994, 121, 193-225.	1.9	37

#	ARTICLE	IF	CITATIONS
55	Abundance, survival, recruitment and effectiveness of sterilization of free-roaming dogs: A capture and recapture study in Brazil. PLoS ONE, 2017, 12, e0187233.	2.5	37
56	Population Estimation Methods for Free-Ranging Dogs: A Systematic Review. PLoS ONE, 2015, 10, e0144830.	2.5	36
57	The impact of imperfect vaccines on the evolution of HIV virulence. Medical Hypotheses, 2006, 66, 907-911.	1.5	35
58	Scale-free network of a dengue epidemic. Applied Mathematics and Computation, 2008, 195, 376-381.	2.2	35
59	Pharmacogenomic implications of population admixture: Brazil as a model case. Pharmacogenomics, 2014, 15, 209-219.	1.3	35
60	On the origin and timing of Zika virus introduction in Brazil. Epidemiology and Infection, 2017, 145, 2303-2312.	2.1	35
61	Vector competence, vectorial capacity of Nyssorhynchus darlingi and the basic reproduction number of Plasmodium vivax in agricultural settlements in the Amazonian Region of Brazil. Malaria Journal, 2019, 18, 117.	2.3	35
62	The Impact of Transgenic Mosquitoes on Dengue Virulence to Humans and Mosquitoes. American Naturalist, 2009, 174, 565-577.	2.1	34
63	Global Pharmacogenomics: Distribution of CYP3A5 Polymorphisms and Phenotypes in the Brazilian Population. PLoS ONE, 2014, 9, e83472.	2.5	34
64	CYP2A6 genetic polymorphisms and correlation with smoking status in Brazilians. Pharmacogenomics Journal, 2005, 5, 42-48.	2.0	31
65	Immune Status at Presentation for HIV Clinical Care in Rio de Janeiro and Baltimore. Journal of Acquired Immune Deficiency Syndromes (1999), 2011, 57, S171-S178.	2.1	31
66	Assessing the Potential of a Candidate Dengue Vaccine with Mathematical Modeling. PLoS Neglected Tropical Diseases, 2012, 6, e1450.	3.0	31
67	The risk of dengue for non-immune foreign visitors to the 2016 summer olympic games in Rio de Janeiro, Brazil. BMC Infectious Diseases, 2016, 16, 186.	2.9	31
68	A Bayesian Hierarchical Model for Estimation of Abundance and Spatial Density of Aedes aegypti. PLoS ONE, 2015, 10, e0123794.	2.5	31
69	Positive selection drives accelerated evolution of mosquito salivary genes associated with bloodâ€feeding. Insect Molecular Biology, 2014, 23, 122-131.	2.0	30
70	Risk assessment of yellow fever urbanization in Rio de Janeiro, Brazil. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2004, 98, 702-710.	1.8	28
71	<sup>1</sup> H Nuclear Magnetic Resonance Metabolomics of Plasma Unveils Liver Dysfunction in Dengue Patients. Journal of Virology, 2016, 90, 7429-7443.	3.4	28
72	Modeling transmission dynamics of stage-specific malaria vaccines. Parasitology Today, 1992, 8, 77-85.	3.0	27

#	ARTICLE	IF	CITATIONS
73	Risk of symptomatic dengue for foreign visitors to the 2014 FIFA World Cup in Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2014, 109, 394-397.	1.6	27
74	Optimized delay of the second COVID-19 vaccine dose reduces ICU admissions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
75	Evaluation of SPf66 malaria vaccine efficacy in Brazil.. <i>American Journal of Tropical Medicine and Hygiene</i> , 1998, 58, 378-385.	1.4	27
76	A Non-parametric Method for the Reconstruction of Age- and Time-Dependent Incidence from the Prevalence Data of Irreversible Diseases with Differential Mortality. <i>Theoretical Population Biology</i> , 1999, 56, 76-90.	1.1	26
77	Acidentes por animais peçonhentos e sistemas nacionais de informação. <i>Cadernos De Saude Publica</i> , 2002, 18, 735-746.	1.0	26
78	Vaccine-associated paralytic poliomyelitis: a retrospective cohort study of acute flaccid paralyses in Brazil. <i>International Journal of Epidemiology</i> , 2000, 29, 757-763.	1.9	25
79	In Vitro-Reduced Susceptibility to Artemether in <i>P. falciparum</i> and Its Association With Polymorphisms on Transporter Genes. <i>Journal of Infectious Diseases</i> , 2012, 206, 324-332.	4.0	24
80	Losing identity: structural diversity of transposable elements belonging to different classes in the genome of <i>Anopheles gambiae</i> . <i>BMC Genomics</i> , 2012, 13, 272.	2.8	24
81	The cost-effectiveness of HIV pre-exposure prophylaxis in men who have sex with men and transgender women at high risk of HIV infection in Brazil. <i>Journal of the International AIDS Society</i> , 2018, 21, e25096.	3.0	24
82	Effect of predominant breastfeeding duration on infant growth: a prospective study using nonlinear mixed effect models. <i>Jornal De Pediatria</i> , 2008, 84, 237-243.	2.0	24
83	On the distribution of vaccine protection under heterogeneous response. <i>Mathematical Biosciences</i> , 1993, 116, 111-125.	1.9	23
84	Hepatitis A incidence rate estimates from a pilot seroprevalence survey in Rio de Janeiro, Brazil. <i>International Journal of Epidemiology</i> , 1999, 28, 776-781.	1.9	23
85	Development and Validation of Limited-Sampling Strategies for Predicting Amoxicillin Pharmacokinetic and Pharmacodynamic Parameters. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 3029-3036.	3.2	23
86	<i>VKORC1</i> polymorphisms in Brazilians: comparison with the Portuguese and Portuguese-speaking Africans and pharmacogenetic implications. <i>Pharmacogenomics</i> , 2010, 11, 1257-1267.	1.3	23
87	Randomization and baseline transmission in vaccine field trials. <i>Epidemiology and Infection</i> , 2007, 135, 181-194.	2.1	21
88	DNA repair genes PAXIP1 and TP53BP1 expression is associated with breast cancer prognosis. <i>Cancer Biology and Therapy</i> , 2017, 18, 439-449.	3.4	21
89	Modelling the test, trace and quarantine strategy to control the COVID-19 epidemic in the state of São Paulo, Brazil. <i>Infectious Disease Modelling</i> , 2021, 6, 46-55.	1.9	21
90	Relative contribution of <i>VKORC1</i> , <i>CYP2C9</i> , and INR response to warfarin stable dose. <i>Blood</i> , 2009, 113, 4125-4126.	1.4	20

#	ARTICLE	IF	CITATIONS
91	Análise de correspondência: uma aplicação do método de avaliação de serviços de vacinação. Cadernos De Saude Publica, 1992, 8, 287-301.	1.0	19
92	Vaccinating in disease-free regions: a vaccine model with application to yellow fever. Journal of the Royal Society Interface, 2007, 4, 1119-1125.	3.4	19
93	Novel transposable elements from Anopheles gambiae. BMC Genomics, 2011, 12, 260.	2.8	19
94	Survival benefits of antiretroviral therapy in Brazil: a model-based analysis. Journal of the International AIDS Society, 2016, 19, 20623.	3.0	19
95	Associations between defined polymorphic variants in the PfPRH ligand family and the invasion pathways used by P. falciparum field isolates from Brazil. Molecular and Biochemical Parasitology, 2006, 149, 246-251.	1.1	18
96	Distribution of the GNB3 825C>T polymorphism among Brazilians: impact of population structure. European Journal of Clinical Pharmacology, 2008, 64, 253-256.	1.9	18
97	Long-Term CD4+ Cell Count in Response to Combination Antiretroviral Therapy. PLoS ONE, 2014, 9, e93039.	2.5	18
98	Estimating the size of Aedes aegypti populations from dengue incidence data: Implications for the risk of yellow fever outbreaks. Infectious Disease Modelling, 2017, 2, 441-454.	1.9	18
99	Prevalence of visceral leishmaniasis in A population of free-roaming dogs as determined by multiple sampling efforts: A longitudinal study analyzing the effectiveness of euthanasia. Preventive Veterinary Medicine, 2018, 161, 19-24.	1.9	18
100	Late initiation of antiretroviral therapy: inequalities by educational level despite universal access to care and treatment. BMC Public Health, 2021, 21, 389.	2.9	18
101	Limited-Sampling Strategy Models for Itraconazole and Hydroxy-Itraconazole Based on Data from a Bioequivalence Study. Antimicrobial Agents and Chemotherapy, 1999, 43, 134-140.	3.2	17
102	Zika is not a reason for missing the Olympic Games in Rio de Janeiro: response to the open letter of Dr Attaran and colleagues to Dr Margaret Chan, Director - General, WHO, on the Zika threat to the Olympic and Paralympic Games. Memorias Do Instituto Oswaldo Cruz, 2016, 111, 414-415.	1.6	17
103	The risk of urban yellow fever resurgence in Aedes-infested American cities. Epidemiology and Infection, 2018, 146, 1219-1225.	2.1	17
104	Rate Estimation from Prevalence Information on a Simple Epidemiologic Model for Health Interventions. Theoretical Population Biology, 1996, 50, 209-226.	1.1	16
105	Detection of antibodies against hepatitis A virus in eluates of blood spotted on filter-paper: a pilot study in Rio de Janeiro, Brazil. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1999, 93, 401-404.	1.8	16
106	Association of the FTO (rs9939609) and MC4R (rs17782313) gene polymorphisms with maternal body weight during pregnancy. Nutrition, 2016, 32, 1223-1230.	2.4	16
107	Modeling the impact of imperfect HIV vaccines on the incidence of the infection. Mathematical and Computer Modelling, 2001, 34, 345-351.	2.0	15
108	Random-Effects Models in Investigating the Effect of Vitamin A in Childhood Diarrhea. Annals of Epidemiology, 2006, 16, 241-247.	1.9	15



#	ARTICLE	IF	CITATIONS
109	Influence of pharmacogenetic polymorphisms and demographic variables on metformin pharmacokinetics in an admixed Brazilian cohort. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 987-996.	2.4	15
110	EPICOV19 protocol: repeated serological surveys on SARS-CoV-2 antibodies in Brazil. <i>Ciencia E Saude Coletiva</i> , 2020, 25, 3573-3578.	0.5	15
111	Limited-sampling strategy models for estimating the area under the plasma concentration-time curve for amlodipine. <i>European Journal of Clinical Pharmacology</i> , 1999, 55, 651-657.	1.9	14
112	Modelos dinâmicos e redes sociais: revisão e reflexões a respeito de sua contribuição para o entendimento da epidemia do HIV. <i>Cadernos De Saude Publica</i> , 2000, 16, S37-S51.	1.0	14
113	Limited-sampling strategy models for estimating the pharmacokinetic parameters of 4-methylaminoantipyrine, an active metabolite of dipyron. <i>Brazilian Journal of Medical and Biological Research</i> , 2001, 34, 1475-1485.	1.5	14
114	The estimated magnitude of AIDS in Brazil: a delay correction applied to cases with lost dates. <i>Cadernos De Saude Publica</i> , 2002, 18, 279-285.	1.0	14
115	Viral Load and CD4 Count Dynamics After HIV-1 Seroconversion in Homosexual and Bisexual Men in Rio de Janeiro, Brazil. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006, 43, 401-404.	2.1	14
116	Complete treatment of uncertainties in a model for dengue R0 estimation. <i>Cadernos De Saude Publica</i> , 2008, 24, 853-861.	1.0	14
117	Challenges of evaluating and modelling vaccination in emerging infectious diseases. <i>Epidemics</i> , 2021, 37, 100506.	3.0	14
118	Malnutrition and susceptibility to enteroparasites: reinfection rates after mass chemotherapy. <i>Paediatric and Perinatal Epidemiology</i> , 2002, 16, 166-171.	1.7	13
119	Efeito das práticas alimentares sobre o crescimento infantil. <i>Revista Brasileira De Saude Materno Infantil</i> , 2005, 5, 145-153.	0.5	13
120	Two complementary model-based methods for calculating the risk of international spreading of a novel virus from the outbreak epicentre. The case of COVID-19. <i>Epidemiology and Infection</i> , 2020, 148, e109.	2.1	13
121	Malaria vaccines: lessons from field trials. <i>Cadernos De Saude Publica</i> , 1994, 10, S310-S326.	1.0	13
122	Vaccine-associated paralytic poliomyelitis in Brazil, 1989-1995. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2000, 7, 219-224.	1.1	13
123	Tuberculose na população privada de liberdade do Brasil, 2007-2013*. <i>Epidemiologia E Servicos De Saude: Revista Do Sistema Unico De Saude Do Brasil</i> , 2017, 26, 783-794.	1.0	13
124	Turnover of SARS-CoV-2 Lineages Shaped the Pandemic and Enabled the Emergence of New Variants in the State of Rio de Janeiro, Brazil. <i>Viruses</i> , 2021, 13, 2013.	3.3	13
125	A modelling analysis of pertussis transmission and vaccination in Rio de Janeiro, Brazil. <i>Epidemiology and Infection</i> , 2006, 134, 850-862.	2.1	12
126	Associations between obesity candidate gene polymorphisms (fat mass and obesity-associated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67	2.3	12



#	ARTICLE	IF	CITATIONS
127	Cost-Effectiveness of Genotype Testing for Primary Resistance in Brazil. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2015, 68, 152-161.	2.1	11
128	Protease inhibitors as initial therapy for individuals with an intermediate risk of HIV disease progression: is more necessarily better?. <i>Aids</i> , 1999, 13, 97-102.	2.2	11
129	THE TEMPO AND MODE OF EVOLUTION OF TRANSPOSABLE ELEMENTS AS REVEALED BY MOLECULAR PHYLOGENIES RECONSTRUCTED FROM MOSQUITO GENOMES. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 3136-3146.	2.3	10
130	High prevalence of symptoms among Brazilian subjects with antibodies against SARS-CoV-2. <i>Scientific Reports</i> , 2021, 11, 13279.	3.3	10
131	Acute Retrovirus Syndrome Among Prospectively Identified Homosexual Men With Incident HIV Infection in Brazil. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2000, 25, 188-191.	2.1	9
132	The evolutionary consequences of vaccination. <i>Vaccine</i> , 2008, 26, C1-C3.	3.8	9
133	Limited sampling strategy for determining metformin area under the plasma concentration-time curve. <i>British Journal of Clinical Pharmacology</i> , 2016, 82, 1002-1010.	2.4	9
134	Single nucleotide polymorphism coverage and inference of N-acetyltransferase-2 acetylator phenotypes in worldwide population groups. <i>Pharmacogenetics and Genomics</i> , 2016, 26, 363-369.	1.5	9
135	Plasma adiponectin and depressive symptoms during pregnancy and the postpartum period: A prospective cohort study. <i>Journal of Affective Disorders</i> , 2016, 194, 171-179.	4.1	9
136	Polymorphisms of Leptin (G2548A) and Leptin Receptor (Q223R and K109R) Genes and Blood Pressure During Pregnancy and the Postpartum Period: A Cohort. <i>American Journal of Hypertension</i> , 2017, 30, 130-140.	2.0	9
137	SARS-CoV-2 testing disparities across geographical regions from a large metropolitan area in Brazil: Results from a web-based survey among individuals interested in clinical trials for COVID-19 vaccines. <i>Brazilian Journal of Infectious Diseases</i> , 2021, 25, 101600.	0.6	9
138	Does deforestation drive visceral leishmaniasis transmission? A causal analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211537.	2.6	9
139	Overview of Vaccine Effects and Study Designs. <i>Statistics in the Health Sciences</i> , 2010, , 19-45.	0.2	9
140	The epidemic wave of influenza A (H1N1) in Brazil, 2009. <i>Cadernos De Saude Publica</i> , 2012, 28, 1325-1336.	1.0	9
141	A Bayesian approach to fuzzy hypotheses testing for the estimation of optimal age for vaccination against measles. <i>Mathematics and Computers in Simulation</i> , 2008, 79, 1-13.	4.4	8
142	Heterogeneity in symbiotic effects facilitates <i>Wolbachia</i> establishment in insect populations. <i>Theoretical Ecology</i> , 2015, 8, 53-65.	1.0	8
143	Uma proposta teórico-metodológica para elaboração de modelos teóricos. <i>Cadernos Saude Coletiva</i> , 0, , .	0.6	8
144	Safety evaluation of SPF66 malaria vaccine in Brazil. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 1996, 29, 497-501.	0.9	7

#	ARTICLE	IF	CITATIONS
145	POPULATION DYNAMICS OF TRANSPOSABLE ELEMENTS: COPY NUMBER REGULATION AND SPECIES INVASION REQUIREMENTS. <i>Journal of Biological Systems</i> , 2005, 13, 455-475.	1.4	7
146	Correction for Kirkness et al., Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6335-6335.	7.1	7
147	Population-level seropositivity trend for SARS-Cov-2 in Rio Grande do Sul, Brazil. <i>Revista De Saude Publica</i> , 2021, 55, 78.	1.7	7
148	ON THE USE OF STATE-SPACE MODELS FOR THE EVALUATION OF HEALTH INTERVENTIONS. <i>Journal of Biological Systems</i> , 1995, 03, 851-865.	1.4	6
149	SPf66 vaccine trial in Brazil: conceptual framework study design and analytical approach. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 1996, 29, 259-269.	0.9	6
150	Fuzzy Dynamical Systems in Epidemic Modeling. <i>Studies in Fuzziness and Soft Computing</i> , 2008, , 181-206.	0.8	6
151	Transposable elements in the <i>Anopheles funestus</i> transcriptome. <i>Genetica</i> , 2017, 145, 275-293.	1.1	6
152	Background rates of disease in Latin American children from a rotavirus vaccine study. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 1916-1920.	3.3	6
153	The risk of malaria infection for travelers visiting the Brazilian Amazonian region: A mathematical modeling approach. <i>Travel Medicine and Infectious Disease</i> , 2020, 37, 101792.	3.0	6
154	Effects of Gender, Sterilization, and Environment on the Spatial Distribution of Free-Roaming Dogs: An Intervention Study in an Urban Setting. <i>Frontiers in Veterinary Science</i> , 2020, 7, 289.	2.2	6
155	Limited Sampling Modeling for Estimation of Phenotypic Metrics for CYP Enzymes and the ABCB1 Transporter Using a Cocktail Approach. <i>Frontiers in Pharmacology</i> , 2020, 11, 22.	3.5	6
156	Slow Spread of SARS-CoV-2 in Southern Brazil Over a 6-Month Period: Report on 8 Sequential Statewide Serological Surveys Including 35,611 Participants. <i>American Journal of Public Health</i> , 2021, 111, 1542-1550.	2.7	6
157	Modeling the cost-effectiveness of maternal acellular pertussis immunization (aP) in different socioeconomic settings: A dynamic transmission model of pertussis in three Brazilian states. <i>Vaccine</i> , 2021, 39, 125-136.	3.8	6
158	Differential effects of predictors of warfarin dose according to race/color categories in the admixed Brazilian population. <i>Pharmacogenetics and Genomics</i> , 2017, 27, 210-211.	1.5	6
159	The risk of acquiring the new influenza A(H1N1) for Brazilian travelers to Chile, Argentina and the USA. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2010, 105, 179-183.	1.6	5
160	Plasma adiponectin is inversely associated with antenatal anxiety: Results from a Brazilian cohort. <i>Psychoneuroendocrinology</i> , 2015, 51, 92-100.	2.7	5
161	Modelling the effect of a dengue vaccine on reducing the evolution of resistance against antibiotic due to misuse in dengue cases. <i>Theoretical Biology and Medical Modelling</i> , 2020, 17, 7.	2.1	5
162	COVID-19 and social distancing among children and adolescents in Brazil. <i>Revista De Saude Publica</i> , 2021, 55, 42.	1.7	5

#	ARTICLE	IF	CITATIONS
163	The many faces of epidemiology: evolutionary epidemiology. <i>Ciencia E Saude Coletiva</i> , 2008, 13, 1743-1752.	0.5	4
164	Leptin gene polymorphism (rs7799039; G2548A) is associated with changes in serum lipid concentrations during pregnancy: a prospective cohort study. <i>European Journal of Nutrition</i> , 2020, 59, 1999-2009.	3.9	4
165	The challenge of conducting epidemiological research in times of pandemic and denialism: 1-year anniversary of the EPICOVID-19 project in Brazil. <i>International Journal of Epidemiology</i> , 2021, 50, 1049-1052.	1.9	4
166	Smart testing and critical care bed sharing for COVID-19 control. <i>PLoS ONE</i> , 2021, 16, e0257235.	2.5	4
167	Visuotopic information conveyed by each eye to the opossum's superior colliculus. <i>Experimental Brain Research</i> , 1985, 60, 576-83.	1.5	3
168	A method for estimating time dependent intervention benefits under arbitrarily varying age and exogenous components of hazard. <i>Lifetime Data Analysis</i> , 2001, 7, 377-392.	0.9	3
169	Estimating the genetic component (RGC) in pharmacokinetic variability of the antiretroviral didanosine among healthy Brazilians. <i>Aids</i> , 2005, 19, S76-S80.	2.2	3
170	Changes in Maternal Plasma Adiponectin from Late Pregnancy to the Postpartum Period According to the Mode of Delivery: Results from a Prospective Cohort in Rio de Janeiro, Brazil. <i>PLoS ONE</i> , 2016, 11, e0158886.	2.5	3
171	A new model for the population pharmacokinetics of didanosine in healthy subjects. <i>Brazilian Journal of Medical and Biological Research</i> , 2007, 40, 97-104.	1.5	3
172	Estimativas do número de casos de aids no Brasil, corrigidas pelo atraso de notificação. <i>Revista Brasileira De Epidemiologia</i> , 1998, 1, 234-244.	0.8	3
173	Carbamazepine: a bioequivalence study and limited sampling modeling. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2002, 40, 424-430.	0.6	3
174	Relato teórico: reflexões e considerações para autores, revisores e editores. <i>Revista De Saude Publica</i> , 2022, 56, 30.	1.7	3
175	Modeling AIDS vaccines: the cellular level. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1992, 87, 103-113.	1.6	2
176	Skin color and marital status influence postpartum weight retention among Brazilian adolescents. <i>Nutrition Research</i> , 2005, 25, 549-557.	2.9	2
177	L-thyroxine doses required for TSH suppression in patients with differentiated thyroid cancer: Effect of a novel UGT1 marker, rs11563250A > G. <i>British Journal of Clinical Pharmacology</i> , 2016, 82, 1402-1403.	2.4	2
178	Natural infection by the protozoan <i>Leptomonas wallacei</i> impacts the morphology, physiology, reproduction, and lifespan of the insect <i>Oncopeltus fasciatus</i> . <i>Scientific Reports</i> , 2019, 9, 17468.	3.3	2
179	Basic Concepts of Fuzzy Sets Theory. <i>Studies in Fuzziness and Soft Computing</i> , 2008, , 11-40.	0.8	2
180	Surrogates of Protection. <i>Statistics in the Health Sciences</i> , 2010, , 337-357.	0.2	2

#	ARTICLE	IF	CITATIONS
181	Checklist for Theoretical Report in Epidemiological Studies (CRT-EE): explanation and elaboration. <i>Physis</i> , 2021, 31, .	0.3	2
182	Saline Nebulization before Gastric Lavage in the Diagnosis of Pulmonary Tuberculosis in Children and Adolescents. <i>Journal of Tropical Pediatrics</i> , 2010, 56, 458-459.	1.5	1
183	Household-Based Studies. <i>Statistics in the Health Sciences</i> , 2010, , 205-234.	0.2	1
184	Evaluating Protective Effects of Vaccination. <i>Statistics in the Health Sciences</i> , 2010, , 103-129.	0.2	1
185	Modes of Action and Time-Varying VES. <i>Statistics in the Health Sciences</i> , 2010, , 131-151.	0.2	1
186	Fuzzy Decision Making in Public Health Strategies. <i>Studies in Fuzziness and Soft Computing</i> , 2008, , 97-110.	0.8	1
187	A negative correlation between dengue and bushfires in Brazil. <i>Journal of Environmental Health</i> , 2014, 76, 66-7.	0.5	1
188	A new model for the population pharmacokinetics of didanosine in healthy subjects. <i>Brazilian Journal of Medical and Biological Research</i> , 2007, 40, 97-104.	1.5	1
189	Randomization and baseline transmission in vaccine field trials - Corrigendum. <i>Epidemiology and Infection</i> , 2007, 135, 1055-1055.	2.1	0
190	An optimal vaccination strategy against rotavirus. <i>Vaccine</i> , 2008, 26, 2807.	3.8	0
191	Fuzzy Logic and Risk Estimators. <i>Studies in Fuzziness and Soft Computing</i> , 2008, , 79-95.	0.8	0
192	Fuzzy Rule-Based Dynamical Models. <i>Studies in Fuzziness and Soft Computing</i> , 2008, , 151-179.	0.8	0
193	Fuzzy Rule-Based Models in Epidemiology. <i>Studies in Fuzziness and Soft Computing</i> , 2008, , 111-150.	0.8	0
194	Randomization and Baseline Transmission. <i>Statistics in the Health Sciences</i> , 2010, , 313-336.	0.2	0
195	R0 and Deterministic Models. <i>Statistics in the Health Sciences</i> , 2010, , 85-102.	0.2	0
196	Analysis of Independent Households. <i>Statistics in the Health Sciences</i> , 2010, , 257-270.	0.2	0
197	A mathematical model to assess the impact of temperature on the virulence of vector-borne pathogens. <i>Applied Mathematical Sciences</i> , 0, 8, 5065-5077.	0.1	0
198	Bayesian Inference of Deterministic Population Growth Models. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015, , 217-228.	0.2	0

#	ARTICLE	IF	CITATIONS
199	Vidas em jogo: reflexões sobre o impacto das Olimpíadas e Paralimpíadas para a saúde pública mundial. Cadernos De Saude Publica, 2021, 37, e00209321.	1.0	0