FlÃ¡vio CodeÃ§o Coelho

List of Publications by Year
in descending order

41 papers	983 citations	567281 15 h-index	501196 28 g-index
62 all docs	62 docs citations	62 times ranked	1674 citing authors

#	Article	IF	Citations
1	Faster indicators of chikungunya incidence using Google searches. PLoS Neglected Tropical Diseases, 2022, 16, e0010441.	3.0	1
2	A Framework for Weather-Driven Dengue Virus Transmission Dynamics in Different Brazilian Regions. International Journal of Environmental Research and Public Health, 2021, 18, 9493.	2.6	3
3	IdentificaÃ§Ã£o de grupos prioritÃ¡rios para a vacinaÃ§Ã£o contra COVID-19 no Brasil. Cadernos De Saude Publica, 2021, 37, e00049821.	1.0	8
4	4 - Estimativa de risco de espalhamento da Covid-19 no Brasil e avaliaÃ§Ã£o da vulnerabilidade socioeconÃ´mica nas microrregiÃµes brasileiras. , 2021, , 75-84.		1
5	Large-scale multivariate forecasting models for Dengue - LSTM versus random forest regression. Spatial and Spatio-temporal Epidemiology, 2020, 35, 100372.	1.7	51
6	COVID-19 e hospitalizaÃ§Ãµes por SRAG no Brasil: uma comparaÃ§Ã£o atÃ© a 12Âª semana epidemiolÃ³gica de 2020. Cadernos De Saude Publica, 2020, 36, e00070120.	1.0	56
7	Assessing the spread of COVID-19 in Brazil: Mobility, morbidity and social vulnerability. PLoS ONE, 2020, 15, e0238214.	2.5	72
8	Modeling Basins of Attraction for Breast Cancer Using Hopfield Networks. Frontiers in Genetics, 2020, 11, 314.	2.3	14
9	EmergÃªncia do novo coronavÃrus (SARS-CoV-2) e o papel de uma vigilÃ¢ncia nacional em saÃºde oportuna e efetiva. Cadernos De Saude Publica, 2020, 36, e00019620.	1.0	91
10	SRAG por COVID-19 no Brasil: descriÃ§Ã£o e comparaÃ§Ã£o de caracterÃsticas demogrÃ¡ficas e comorbidades com SRAG por influenza e com a populaÃ§Ã£o geral. Cadernos De Saude Publica, 2020, 36, e00149420.	1.0	46
11	A modelling approach for correcting reporting delays in disease surveillance data. Statistics in Medicine, 2019, 38, 4363-4377.	1.6	63
12	Decentralising scientific publishing: can the blockchain improve science communication?. Memorias Do Instituto Oswaldo Cruz, 2019, 114, e190257.	1.6	10
13	Sex-Specific Asymmetrical Attack Rates in Combined Sexual-Vectorial Transmission Epidemics. Microorganisms, 2019, 7, 112.	3.6	2
14	Reconstructing news spread networks and studying its dynamics. Social Network Analysis and Mining, 2018, 8, 1.	2.8	9
15	Modeling Direct Transmission Diseases Using Parallel Bitstring Agent-Based Models. IEEE Transactions on Computational Social Systems, 2018, 5, 1109-1120.	4.4	5
16	Zika: an ongoing threat to women and infants. Cadernos De Saude Publica, 2018, 34, e00038218.	1.0	7
17	Estimating under-observation and the full size of the 2016 Zika epidemic in Rio de Janeiro. PLoS ONE, 2018, 13, e0205001.	2.5	5
18	Estimating the effective reproduction number of dengue considering temperature-dependent generation intervals. Epidemics, 2018, 25, 101-111.	3.0	21

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19	Reply to commentary on Zika: An Ongoing Threat to Women and Infants. Cadernos De Saude Publica, 2018, 34, e00192318.	1.0	0
20	Zika in Rio de Janeiro: Assessment of basic reproduction number and comparison with dengue outbreaks. Epidemiology and Infection, 2017, 145, 1649-1657.	2.1	50
21	Can Zika Account for the Missing Babies?. Frontiers in Public Health, 2017, 5, 317.	2.7	8
22	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
23	Estimating the Attack Ratio of Dengue Epidemics under Time-varying Force of Infection using Aggregated Notification Data. Scientific Reports, 2016, 5, 18455.	3.3	14
24	Epidemiological data accessibility in Brazil. Lancet Infectious Diseases, The, 2016, 16, 524-525.	9.1	6
25	Higher incidence of Zika in adult women than adult men in Rio de Janeiro suggests a significant contribution of sexual transmission from men to women. International Journal of Infectious Diseases, 2016, 51, 128-132.	3.3	112
26	Behavioral Modulation of Infestation by Varroa destructor in Bee Colonies. Implications for Colony Stability. PLoS ONE, 2016, 11, e0160465.	2.5	11
27	The consumer litigation industry: Chasing dragon kings in lawyerâ€"client networks. Social Networks, 2015, 40, 17-24.	2.1	5
28	A framework for modeling and simulating Aedes aegypti and dengue fever dynamics. , 2014, , .		2
29	The epidemic wave of influenza A (H1N1) in Brazil, 2009. Cadernos De Saude Publica, 2012, 28, 1325-1336.	1.0	9
30	MODELAGEM DE DOENÃ‡AS TRANSMISSÃVEIS. Oecologia Australis, 2012, 16, 110-116.	0.2	1
31	A Bayesian Framework for Parameter Estimation in Dynamical Models. PLoS ONE, 2011, 6, e19616.	2.5	49
32	A Bayesian Framework for Parameter Estimation in Dynamical Models with Applications to Forecasting. Nature Precedings, 2009, , .	0.1	1
33	Dynamic Modeling of Vaccinating Behavior as a Function of Individual Beliefs. PLoS Computational Biology, 2009, 5, e1000425.	3.2	52
34	Epigrass: a tool to study disease spread in complex networks. Source Code for Biology and Medicine, 2008, 3, 3.	1.7	39
35	Dynamic Modeling of Vaccinating Behavior as a Function of Individual Beliefs. Nature Precedings, 2008, , .	0.1	1
36	Complete treatment of uncertainties in a model for dengue R0 estimation. Cadernos De Saude Publica, 2008, 24, 853-861.	1.0	14

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37	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
38	Epigrass: a tool to study disease spread in complex networks.. Nature Precedings, 2007, , .	0.1	0
39	Trends in Cholera Epidemiology. PLoS Medicine, 2006, 3, e42.	8.4	25
40	Effects of sulfonylureas on KATP channel-dependent vasodilation. Journal of Diabetes and Its Complications, 2003, 17, 6-10.	2.3	9
41	Precision epidemiology of arboviral diseases. Journal of Public Health and Emergency, 0, 3, 1-1.	4.4	6