SÃ©rgio Muniz Oliva Filho

List of Publications by Year
in descending order

22 papers	**215** citations	1684188 **5** h-index
1125743 **13** g-index		

26 all docs	**26** docs citations	**26** times ranked	**398** citing authors

#	Article	IF	Citations
1	Modeling future spread of infections via mobile geolocation data and population dynamics. An application to COVID-19 in Brazil. PLoS ONE, 2020, 15, e0235732.	2.5	75
2	Attractors for Parabolic Problems with Nonlinear Boundary Conditions. Journal of Mathematical Analysis and Applications, 1997, 207, 409-461.	1.0	40
3	Modeling the transmission and control of Zika in Brazil. Scientific Reports, 2017, 7, 7721.	3.3	32
4	Delay nonlinear boundary conditions as limit of reactions concentrating in the boundary. Journal of Differential Equations, 2012, 253, 2573-2592.	2.2	10
5	Delayed Feedback Control of a Delay Equation at Hopf Bifurcation. Journal of Dynamics and Differential Equations, 2016, 28, 1357-1391.	1.9	6
6	A local/nonlocal diffusion model. Applicable Analysis, 0, , 1-34.	1.3	6
7	Prospective Study About the Influence of Human Mobility in Dengue Transmission in the State of Rio de Janeiro. Springer Proceedings in Mathematics and Statistics, 2018, , 419-427.	0.2	4
8	A snapshot of a pandemic: The interplay between social isolation and COVID-19 dynamics in Brazil. Patterns, 2021, 2, 100349.	5.9	4
9	Cross immunity protection and antibody-dependent enhancement in a distributed delay dynamic model. Mathematical Biosciences and Engineering, 2022, 19, 2950-2984.	1.9	4
10	Reaction-Diffusion Systems on Domains with Thin Channels. Journal of Differential Equations, 1995, 123, 437-479.	2.2	2
11	Cascades of Hopf bifurcations from boundary delay. Journal of Mathematical Analysis and Applications, 2010, 361, 19-37.	1.0	2
12	Splitting methods and numerical approximations for a coupled local/nonlocal diffusion model. Computational and Applied Mathematics, 2022, 41, 1.	2.2	2
13	ON THE SUPERCRITICALITY OF THE FIRST HOPF BIFURCATION IN A DELAY BOUNDARY PROBLEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 2955-2963.	1.7	1
14	Time‐scale analysis nonlocal diffusion systems, applied to disease models. Mathematical Methods in the Applied Sciences, 2020, 43, 8632-8643.	2.3	1
15	A PDE approach of inflammatory phase dynamics in diabetic wounds. Publicacions Matematiques, 2014, 58, 265-293.	0.5	1
16	Effect of General Cross-Immunity Protection and Antibody-Dependent Enhancement in Dengue Dynamics. Computational and Mathematical Methods, 2022, 2022, 1-22.	0.8	1
17	A discretization scheme for an one-dimensional reaction-diffusion equation with delay and its dynamics. Discrete and Continuous Dynamical Systems, 2009, 23, 1041-1060.	0.9	0
18	Coupled local/nonlocal models in thin domains. Asymptotic Analysis, 2021, , 1-31.	0.5	0

#	Article	IF	Citations
19	Title is missing!. , 2020, 15, e0235732.		0
20	Title is missing!. , 2020, 15, e0235732.		0
21	Title is missing!. , 2020, 15, e0235732.		0
22	Title is missing!. , 2020, 15, e0235732.		0