

Maria C A Leite

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

265
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	A model for coupling within-host and between-host dynamics in an infectious disease. <i>Nonlinear Dynamics</i> , 2012, 68, 401-411.	5.2	59
2	Oscillatory behavior of two nonlinear microbial models of soil carbon decomposition. <i>Biogeosciences</i> , 2014, 11, 1817-1831.	3.3	53
3	Bifurcations from regular quotient networks: A first insight. <i>Physica D: Nonlinear Phenomena</i> , 2009, 238, 137-155.	2.8	44
4	Optimal control and cost-effective analysis of the 2017 meningitis outbreak in Nigeria. <i>Infectious Disease Modelling</i> , 2019, 4, 161-187.	1.9	29
5	Using Natural Language Processing and Artificial Intelligence to Explore the Nutrition and Sustainability of Recipes and Food. <i>Frontiers in Artificial Intelligence</i> , 2020, 3, 621577.	3.4	22
6	The transmission dynamics of a within-and between-hosts malaria model. <i>Ecological Complexity</i> , 2019, 38, 31-55.	2.9	15
7	A model for coupling fire and insect outbreak in forests. <i>Ecological Modelling</i> , 2014, 286, 26-36.	2.5	12
8	The logic behind neural control of breathing pattern. <i>Scientific Reports</i> , 2019, 9, 9078.	3.3	8
9	A model for the A(H1N1) epidemic in Mexico, including social isolation. <i>Salud Publica De Mexico</i> , 2011, 53, 40-47.	0.4	8
10	Stationary distributions of semistochastic processes with disturbances at random times and with random severity. <i>Nonlinear Analysis: Real World Applications</i> , 2012, 13, 497-512.	1.7	6
11	Cooking Related Carbon Footprint Evaluation and Optimisation. <i>Communications in Computer and Information Science</i> , 2020, , 122-128.	0.5	4
12	A mathematical model of tree harvesting in age-structured forests subject to beetle infestations. <i>Computational and Applied Mathematics</i> , 2018, 37, 3365-3384.	1.3	2
13	Maximizing tree harvesting benefit from forests under insect infestation disturbances. <i>PLoS ONE</i> , 2018, 13, e0200575.	2.5	2
14	Overview of the 3rd DECOR Workshop. , 2020, , .		1
15	Viability of <i>Pentadesma</i> in reduced habitat ecosystems within two climatic regions with fruit harvesting. <i>Journal of Biological Dynamics</i> , 2022, 16, 207-235.	1.7	0