

Benjamin Ambrosio

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

220
citations

1040056

9
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchronization and control of coupled reaction-diffusion systems of the FitzHugh-Nagumo type. Computers and Mathematics With Applications, 2012, 64, 934-943.	2.7	58
2	Canard phenomenon in a slow-fast modified Leslie-Gower model. Mathematical Biosciences, 2018, 295, 48-54.	1.9	26
3	Weakly coupled two-slow-two-fast systems, folded singularities and mixed mode oscillations. Nonlinearity, 2014, 27, 1555-1574.	1.4	22
4	Generalized traveling waves for time-dependent reaction-diffusion systems. Mathematische Annalen, 2021, 381, 1-27.	1.4	19
5	A network model for control of dengue epidemic using sterile insect technique. Mathematical Biosciences and Engineering, 2017, 15, 441-460.	1.9	19
6	On a Coupled Time-Dependent SIR Models Fitting with New York and New-Jersey States COVID-19 Data. Biology, 2020, 9, 135.	2.8	17
7	Synchronization and control of a network of coupled Reaction-Diffusion systems of generalized FitzHugh-Nagumo type . ESAIM: Proceedings and Surveys, 2013, 39, 15-24.	0.4	16
8	Large time behaviour and synchronization of complex networks of reaction-diffusion systems of FitzHugh-Nagumo type. IMA Journal of Applied Mathematics, 2019, 84, 416-443.	1.6	16
9	Propagation of bursting oscillations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 4863-4875.	3.4	12
10	Global attractor of complex networks of reaction-diffusion systems of Fitzhugh-Nagumo type. Discrete and Continuous Dynamical Systems - Series B, 2018, 23, 3787-3797.	0.9	5
11	Hopf Bifurcation in an Oscillatory-Excitable Reaction-Diffusion Model with Spatial Heterogeneity. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750065.	1.7	4
12	Basin of Attraction of Solutions with Pattern Formation in Slow-Fast Reaction-Diffusion Systems. Acta Biotheoretica, 2016, 64, 311-325.	1.5	2
13	Propagation of Bursting Oscillations in Coupled Non-homogeneous Hodgkin-Huxley Reaction-Diffusion Systems. Differential Equations and Dynamical Systems, 2021, 29, 841-855.	1.0	2
14	Beyond the brain: towards a mathematical modeling of emotions. Journal of Physics: Conference Series, 2021, 2090, 012119.	0.4	0