Benjamin Ambrosio

List of Publications by Year
in descending order

14	220	1040056 9	1125743 13
papers	citations	h-index	g-index

17	17	17	203
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Propagation of Bursting Oscillations in Coupled Non-homogeneous Hodgkinâ€“Huxley Reactionâ€“Diffusion Systems. Differential Equations and Dynamical Systems, 2021, 29, 841-855.	1.0	2
2	Generalized traveling waves for time-dependent reactionâ€“diffusion systems. Mathematische Annalen, 2021, 381, 1-27.	1.4	19
3	Beyond the brain: towards a mathematical modeling of emotions. Journal of Physics: Conference Series, 2021, 2090, 012119.	0.4	0
4	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
5	Large time behaviour and synchronization of complex networks of reactionâ€“diffusion systems of FitzHughâ€“Nagumo type. IMA Journal of Applied Mathematics, 2019, 84, 416-443.	1.6	16
6	Canard phenomenon in a slow-fast modified Leslieâ€“Gower model. Mathematical Biosciences, 2018, 295, 48-54.	1.9	26
7	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
8	Hopf Bifurcation in an Oscillatory-Excitable Reactionâ€“Diffusion Model with Spatial Heterogeneity. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750065.	1.7	4
9	A network model for control of dengue epidemic using sterile insect technique. Mathematical Biosciences and Engineering, 2017, 15, 441-460.	1.9	19
10	Basin of Attraction of Solutions with Pattern Formation in Slowâ€“Fast Reactionâ€“Diffusion Systems. Acta Biotheoretica, 2016, 64, 311-325.	1.5	2
11	Weakly coupled two-slowâ€“two-fast systems, folded singularities and mixed mode oscillations. Nonlinearity, 2014, 27, 1555-1574.	1.4	22
12	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
13	Synchronization and control of coupled reactionâ€“diffusion systems of the FitzHughâ€“Nagumo type. Computers and Mathematics With Applications, 2012, 64, 934-943.	2.7	58
14	Propagation of bursting oscillations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 4863-4875.	3.4	12