

Gonzalo Marcelo Ramirez Avila

List of Publications by Year in descending order

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28
papers

256
citations

1040018
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996954
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29
all docs

29
docs citations

29
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple game and its dynamical richness for modeling synchronization in firefly-like oscillators. European Physical Journal: Special Topics, 2022, 231, 203-212.	2.6	2
2	Scientometric analysis of the <i>Chaos</i> journal (1991â€“2019): From descriptive statistics to complex networks viewpoints. Chaos, 2021, 31, 043105.	2.5	4
3	Ubiquity of ring structures in the control space of complex oscillators. Chaos, 2021, 31, 101102.	2.5	6
4	Modeling Fireflies Synchronization. Advances in Dynamics, Patterns, Cognition, 2019, , 131-156.	0.3	10
5	Two-parameter areal scaling in the HÃ©non map. Europhysics Letters, 2019, 126, 20001.	2.0	4
6	Alteration of the aggregation and spatial organization of the vector of Chagas disease, Triatoma infestans, by the parasite Trypanosoma cruzi. Scientific Reports, 2019, 9, 17432.	3.3	9
7	Experimental oscillation death in two mutually coupled light-controlled oscillators. Chaos, 2018, 28, 043112.	2.5	1
8	Improving the understanding of sleep apnea characterization using Recurrence Quantification Analysis by defining overall acceptable values for the dimensionality of the system, the delay, and the distance threshold. PLoS ONE, 2018, 13, e0194462.	2.5	22
9	Fireflies: A Paradigm in Synchronization. Understanding Complex Systems, 2018, , 35-64.	0.6	4
10	Nonlinear behavior of the tarka flute's distinctive sounds. Chaos, 2016, 26, 093114.	2.5	1
11	Unraveling the primary mechanisms leading to synchronization response in dissimilar oscillators. European Physical Journal: Special Topics, 2016, 225, 2487-2506.	2.6	4
12	Synchronization conditions of coupled maps using periodicities. European Physical Journal: Special Topics, 2016, 225, 2697-2705.	2.6	1
13	Tweaking synchronization by connectivity modifications. Physical Review E, 2016, 93, 062211.	2.1	11
14	How do small differences in nonidentical pulse-coupled oscillators induce great changes in their synchronous behavior?. European Physical Journal: Special Topics, 2014, 223, 2759-2773.	2.6	3
15	X-Ray Fluorescence to Determine Zn in Bolivian Children using Hair Samples. Nuclear Data Sheets, 2014, 120, 258-260.	2.2	1
16	Classifying healthy women and preeclamptic patients from cardiovascular data using recurrence and complex network methods. Autonomic Neuroscience: Basic and Clinical, 2013, 178, 103-110.	2.8	21
17	Classification of cardiovascular time series based on different coupling structures using recurrence networks analysis. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20110623.	3.4	25
18	Firefly courtship as the basis of the synchronization-response principle. Europhysics Letters, 2011, 94, 60007.	2.0	17

#	ARTICLE	IF	CITATIONS
19	Scaling Laws in the Transient Dynamics of Firefly-like Oscillators. Journal of Physics: Conference Series, 2011, 285, 012026.	0.4	2
20	Synchronization regions of two pulse-coupled electronic piecewise linear oscillators. European Physical Journal D, 2011, 62, 51-56.	1.3	11
21	How similar is the performance of the cubic and the piecewise-linear circuits of Chua?. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 375, 143-148.	2.1	32
22	When does noise destroy or enhance synchronous behavior in two mutually coupled light-controlled oscillators?. Physical Review E, 2010, 82, 056207.	2.1	6
23	Experimental results on synchronization times and stable states in locally coupled light-controlled oscillators. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 3267-3280.	3.4	12
24	Polymorphism: a weak influence on worker aggregation level in ants. Ecological Entomology, 2008, 33, 225-231.	2.2	6
25	INFLUENCE OF UNIFORM NOISE ON TWO LIGHT-CONTROLLED OSCILLATORS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 4453-4462.	1.7	6
26	Synchronization in chains of light-controlled oscillators. Journal of Physics: Conference Series, 2005, 23, 252-258.	0.4	2
27	Synchronization in light-controlled oscillators. Physica D: Nonlinear Phenomena, 2003, 182, 254-273.	2.8	28
28	Distribution of spiking and bursting in Rulkov's neuron model. European Physical Journal: Special Topics, 0, , 1.	2.6	4