

David Angulo-Garcia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8249733/publications.pdf>

Version: 2024-02-01

20
papers

238
citations

1039880

9
h-index

1125617

13
g-index

21
all docs

21
docs citations

21
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Hippocampal hub neurons maintain distinct connectivity throughout their lifetime. <i>Nature Communications</i> , 2020, 11, 4559.	5.8	30
2	Internal representation of hippocampal neuronal population spans a time-distance continuum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7477-7482.	3.3	22
3	Cross frequency coupling in next generation inhibitory neural mass models. <i>Chaos</i> , 2020, 30, 053121.	1.0	22
4	Death and rebirth of neural activity in sparse inhibitory networks. <i>New Journal of Physics</i> , 2017, 19, 053011.	1.2	21
5	Cell Assembly Dynamics of Sparsely-Connected Inhibitory Networks: A Simple Model for the Collective Activity of Striatal Projection Neurons. <i>PLoS Computational Biology</i> , 2016, 12, e1004778.	1.5	19
6	Structural Stability of the Two-Fold Singularity. <i>SIAM Journal on Applied Dynamical Systems</i> , 2012, 11, 1215-1230.	0.7	16
7	Control of a DC-DC Buck Converter through Contraction Techniques. <i>Energies</i> , 2018, 11, 3086.	1.6	16
8	Modeling driver cells in developing neuronal networks. <i>PLoS Computational Biology</i> , 2018, 14, e1006551.	1.5	13
9	Exact firing time statistics of neurons driven by discrete inhibitory noise. <i>Scientific Reports</i> , 2017, 7, 1577.	1.6	12
10	Stable chaos in fluctuation driven neural circuits. <i>Chaos, Solitons and Fractals</i> , 2014, 69, 233-245.	2.5	11
11	Cell Assemblies in the Cortico-Hippocampal-Reuniens Network during Slow Oscillations. <i>Journal of Neuroscience</i> , 2020, 40, 8343-8354.	1.7	11
12	Neural activity of heterogeneous inhibitory spiking networks with delay. <i>Physical Review E</i> , 2019, 99, 052412.	0.8	7
13	Decreased resilience in power grids under dynamically induced vulnerabilities. <i>New Journal of Physics</i> , 2020, 22, 103033.	1.2	7
14	Designing a hysteresis band in a boost flyback converter. <i>Mechanical Systems and Signal Processing</i> , 2021, 147, 107080.	4.4	6
15	Understanding Traffic Congestion via Network Analysis, Agent Modeling, and the Trajectory of Urban Expansion: A Coastal City Case. <i>Infrastructures</i> , 2021, 6, 85.	1.4	6
16	DC-DC Zeta Power Converter: Ramp Compensation Control Design and Stability Analysis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5946.	1.3	6
17	Zero Average Surface Controlled Boost-Flyback Converter. <i>Energies</i> , 2021, 14, 57.	1.6	5
18	Dynamics and Forecast in a Simple Model of Sustainable Development for Rural Populations. <i>Bulletin of Mathematical Biology</i> , 2015, 77, 368-389.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Hybrid Control Design of a DC/DC Buck Power Converter. , 2019, , .		1
20	Single-Switching Reachable Operation Points in a DC-DC Buck Converter: An Approximation from Time Optimal Control. Micromachines, 2020, 11, 834.	1.4	1