Gustavo Zampier dos Santos Lima

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4531797/publications.pdf

Version: 2024-02-01

29	298	949033 11	1051228 16
papers	citations	h-index	g-index

32	32	32	238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ephaptic entrainment in hybrid neuronal model. Scientific Reports, 2022, 12, 1629.	1.6	6
2	A direct method to detect deterministic and stochastic properties of data. New Journal of Physics, 2022, 24, 033027.	1.2	5
3	Scale-free distribution of silences. Physical Review E, 2022, 105, 014107.	0.8	0
4	Efficient computation of recurrence quantification analysis via microstates. Applied Mathematics and Computation, 2022, 428, 127175.	1.4	2
5	Extensive and nonextensive statistics in seismic inversion. Physica A: Statistical Mechanics and Its Applications, 2021, 563, 125496.	1.2	17
6	Disruption of neocortical synchronisation during slowâ€wave sleep in the rotenone model of Parkinsonâ€™s disease. Journal of Sleep Research, 2021, 30, e13170.	1.7	7
7	Maximum entropy in the dimensional transition of the magnetic domain wall dynamics. Physica A: Statistical Mechanics and Its Applications, 2021, 568, 125730.	1.2	4
8	Robust approaches for inverse problems based on Tsallis and Kaniadakis generalised statistics. European Physical Journal Plus, 2021, 136, 1.	1.2	10
9	Waiting-time statistics in magnetic systems. Scientific Reports, 2020, 10, 9692.	1.6	3
10	Parameter-free quantification of stochastic and chaotic signals. Chaos, Solitons and Fractals, 2020, 133, 109616.	2.5	18
11	Maximum entropy principle in recurrence plot analysis on stochastic and chaotic systems. Chaos, 2020, 30, 043123.	1.0	15
12	Later Nesting by Hawksbill Turtle following Sea Surface Warming. Journal of Herpetology, 2020, 54, .	0.2	1
13	Scale-free and characteristic time in urban soundscape. Physica A: Statistical Mechanics and Its Applications, 2019, 530, 121557.	1.2	6
14	Hippocampal and cortical communication around micro-arousals in slow-wave sleep. Scientific Reports, 2019, 9, 5876.	1.6	27
15	Optimizing the detection of nonstationary signals by using recurrence analysis. Chaos, 2018, 28, 085703.	1.0	21
16	Quantifying entropy using recurrence matrix microstates. Chaos, 2018, 28, 083108.	1.0	33
17	Self-organized energetic model for collective activity on animal tissue. International Journal of Modern Physics C, 2017, 28, 1750076.	0.8	1
18	Universal temporal characteristics and vanishing of multifractality in Barkhausen avalanches. Physical Review E, 2017, 96, 022159.	0.8	23

#	Article	IF	Citations
19	Predictability of arousal in mouse slow wave sleep by accelerometer data. PLoS ONE, 2017, 12, e0176761.	1.1	18
20	Mouse Activity across Time Scales: Fractal Scenarios. PLoS ONE, 2014, 9, e105092.	1.1	13
21	Evidence of determinism for intermittent convective transport in turbulence processes. Physica A: Statistical Mechanics and Its Applications, 2014, 402, 8-13.	1.2	5
22	Multifractality in domain wall dynamics of a ferromagnetic film. Physical Review E, 2012, 86, 066117.	0.8	16
23	Dynamical analysis of turbulence in fusion plasmas and nonlinear waves. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 4690-4699.	1.7	3
24	Self-organized criticality in MHD driven plasma edge turbulence. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 753-757.	0.9	7
25	Radial dependence of self-organized criticality behavior in TCABR tokamak. Journal of Physics: Conference Series, 2011, 285, 012004.	0.3	0
26	Evidence of transport barrier in TCABR tokamak with high MHD activity. Journal of Physics: Conference Series, 2011, 285, 012010.	0.3	0
27	Characterizing electrostatic turbulence in tokamak plasmas with high MHD activity. Journal of Physics: Conference Series, 2010, 246, 012014.	0.3	3
28	Bicoherence in electrostatic turbulence driven by high magnetohydrodynamic activity in Tokamak Chauffage AlfvÃ©n BrÃ©silien. Physics of Plasmas, 2009, 16, 042508.	0.7	14
29	Electrostatic turbulence driven by high magnetohydrodynamic activity in Tokamak Chauffage AlfvÃ©n BrÃ©silien. Physics of Plasmas, 2008, 15, 062501.	0.7	12