

List of Publications by Year in descending order

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11
papers

574
citations

1478280

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1281743

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docs citations

12
times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Nontrivial and anomalous transport on weighted complex networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022, 114, 106684.	1.7	1
2	Multifractal Characteristics of Geomagnetic Field Fluctuations for the Northern and Southern Hemispheres at Swarm Altitude. <i>Entropy</i> , 2021, 23, 558.	1.1	5
3	A Nonlinear System Science Approach to Find the Robust Solar Wind Drivers of the Multivariate Magnetosphere. <i>Space Weather</i> , 2021, 19, e2020SW002634.	1.3	1
4	Pedestrian flow in two dimensions: Optimal psychological stress leads to less evacuation time and decongestion. <i>Physical Review E</i> , 2021, 104, 024312.	0.8	1
5	Unpredictability in pedestrian flow: The impact of stochasticity and anxiety in the event of an emergency. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 531, 121742.	1.2	11
6	Regular transport dynamics produce chaotic travel times. <i>Physical Review E</i> , 2014, 89, 062922.	0.8	5
7	The magnetosphere as a complex system. <i>Advances in Space Research</i> , 2013, 51, 1934-1941.	1.2	26
8	Resonance, criticality, and emergence in city traffic investigated in cellular automaton models. <i>Physical Review E</i> , 2009, 80, 056108.	0.8	29
9	Cellular automaton model for evacuation process with obstacles. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 382, 631-642.	1.2	341
10	The magnetosphere as a complex system. <i>Advances in Space Research</i> , 2005, 35, 961-971.	1.2	31
11	Modeling traffic through a sequence of traffic lights. <i>Physical Review E</i> , 2004, 70, 016107.	0.8	123