

Rui Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11070942/publications.pdf>

Version: 2024-02-01

17
papers

955
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

680
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting Catastrophes in Nonlinear Dynamical Systems by Compressive Sensing. Physical Review Letters, 2011, 106, 154101.	7.8	269
2	Epidemic spreading on heterogeneous networks with identical infectivity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 189-193.	2.1	196
3	Optimal weighting scheme for suppressing cascades and traffic congestion in complex networks. Physical Review E, 2009, 79, 026112.	2.1	129
4	Time-series-based prediction of complex oscillator networks via compressive sensing. Europhysics Letters, 2011, 94, 48006.	2.0	90
5	Optimal contact process on complex networks. Physical Review E, 2008, 78, 066109.	2.1	56
6	Role of intraspecific competition in the coexistence of mobile populations in spatially extended ecosystems. Chaos, 2010, 20, 023113.	2.5	45
7	Selectivity-based spreading dynamics on complex networks. Physical Review E, 2008, 78, 026111.	2.1	38
8	Quantum chaotic scattering in graphene systems. Europhysics Letters, 2011, 94, 40004.	2.0	38
9	Modulating quantum transport by transient chaos. Applied Physics Letters, 2012, 100, .	3.3	29
10	Harnessing quantum transport by transient chaos. Chaos, 2013, 23, 013125.	2.5	21
11	Abnormal electron paths induced by Klein tunneling in graphene quantum point contacts. Physical Review B, 2011, 84, .	3.2	14
12	Forecasting the future: Is it possible for adiabatically time-varying nonlinear dynamical systems?. Chaos, 2012, 22, 033119.	2.5	10
13	Control of transmission in disordered graphene nanojunctions through stochastic resonance. Applied Physics Letters, 2010, 96, .	3.3	9
14	Geometry-dependent conductance oscillations in graphene quantum dots. Europhysics Letters, 2011, 94, 58003.	2.0	5
15	Transient disorder in dynamically growing networks. Physical Review E, 2009, 79, 046101.	2.1	3
16	Lead-position dependent regular oscillations and random fluctuations of conductance in graphene quantum dots. Journal of Physics Condensed Matter, 2013, 25, 085502.	1.8	3
17	Analyzing Accuracy of Inverse Power Flow from Noisy Edge Measurements. , 2022, , .		0