

Chen Han-shuang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	First passage of a diffusing particle under stochastic resetting in bounded domains with spherical symmetry. <i>Physical Review E</i> , 2022, 105, 034109.	2.1	12
2	Random walks on complex networks under node-dependent stochastic resetting. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2022, 2022, 053201.	2.3	10
3	Random walks on complex networks with first-passage resetting. <i>Physical Review E</i> , 2021, 103, 062132.	2.1	15
4	Random walks on complex networks with multiple resetting nodes: A renewal approach. <i>Chaos</i> , 2021, 31, 093135.	2.5	10
5	Non-Markovian majority-vote model. <i>Physical Review E</i> , 2020, 102, 062311.	2.1	10
6	Majority vote model with ancillary noise in complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 516, 563-570.	2.6	12
7	Hybrid multiscale coarse-graining for dynamics on complex networks. <i>Chaos</i> , 2018, 28, 123122.	2.5	1
8	Phase transitions in a multistate majority-vote model on complex networks. <i>Physical Review E</i> , 2018, 97, 062304.	2.1	12
9	Double phase transition of the Ising model in core-periphery networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 063402.	2.3	6
10	Optimal allocation of resources for suppressing epidemic spreading on networks. <i>Physical Review E</i> , 2017, 96, 012321.	2.1	26
11	Large deviation induced phase switch in an inertial majority-vote model. <i>Chaos</i> , 2017, 27, 081102.	2.5	10
12	First-order phase transition in a majority-vote model with inertia. <i>Physical Review E</i> , 2017, 95, 042304.	2.1	37
13	Quenched mean-field theory for the majority-vote model on complex networks. <i>Europhysics Letters</i> , 2017, 120, 18003.	2.0	9
14	Evolution of interface chemistry and dielectric properties of HfO ₂ /Ge gate stack modulated by Gd incorporation and thermal annealing. <i>AIP Advances</i> , 2016, 6, .	1.3	9
15	Discontinuous phase transition in an annealed multi-state majority-vote model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 073403.	2.3	12
16	Heterogeneous nucleation on complex networks with mobile impurities. <i>Europhysics Letters</i> , 2015, 111, 48005.	2.0	2
17	Nucleation of a three-state spin model on complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 424, 97-104.	2.6	4
18	Critical noise of majority-vote model on complex networks. <i>Physical Review E</i> , 2015, 91, 022816.	2.1	34

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19	Mobility and density induced amplitude death in metapopulation networks of coupled oscillators. Chaos, 2014, 24, 043125.	2.5	11
20	Interface control and modification of band alignment and electrical properties of HfTiO/GaAs gate stacks by nitrogen incorporation. Journal of Materials Chemistry C, 2014, 2, 5299-5308.	5.5	142
21	Explosive synchronization transitions in complex neural networks. Chaos, 2013, 23, 033124.	2.5	33
22	How does degree heterogeneity affect nucleation on complex networks?. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P09014.	2.3	4
23	Nucleation pathways on complex networks. Chaos, 2013, 23, 013112.	2.5	5
24	Cathodoluminescence and field emission from GaN/MgAl ₂ O ₄ grown by metalorganic chemical vapor deposition: substrate-orientation dependence. Journal of Materials Chemistry C, 2013, 1, 238-245.	5.5	5
25	Mobility-enhanced signal response in metapopulation networks of coupled oscillators. Europhysics Letters, 2013, 102, 38004.	2.0	5
26	Effect of dimethylaluminumhydride-derived aluminum oxynitride passivation layer on the interface chemistry and band alignment of HfTiO-InGaAs gate stacks. APL Materials, 2013, 1, .	5.1	60
27	Entropic stochastic resonance of a flexible polymer chain in a confined system. Journal of Chemical Physics, 2012, 137, 044904.	3.0	10
28	Strategy to suppress epidemic explosion in heterogeneous metapopulation networks. Physical Review E, 2012, 86, 036114.	2.1	28
29	Noise-induced vortex reversal of self-propelled particles. Physical Review E, 2012, 86, 041122.	2.1	6
30	Coarse-grained Monte Carlo simulations of the phase transition of the Potts model on weighted networks. Physical Review E, 2011, 83, 066109.	2.1	2
31	Nucleation in scale-free networks. Physical Review E, 2011, 83, 031110.	2.1	9
32	Optimal modularity for nucleation in a network-organized Ising model. Physical Review E, 2011, 83, 046124.	2.1	17
33	Statistically consistent coarse-grained simulations for critical phenomena in complex networks. Physical Review E, 2010, 82, 011107.	2.1	12
34	Resonant response of forced complex networks: The role of topological disorder. Chaos, 2009, 19, 033122.	2.5	11
35	Threshold-diversity-induced resonance. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 2299-2305.	2.6	10
36	Enhancement of neuronal coherence by diversity in coupled Rulkov-map models. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 1071-1076.	2.6	27

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37	Diversity-induced coherence resonance in spatially extended chaotic systems. Physical Review E, 2008, 77, 026207.	2.1	21
38	Structural-diversity-enhanced cellular ability to detect subthreshold extracellular signals. Physical Review E, 2007, 75, 041910.	2.1	24
39	Selective effects of external noise on Ca ²⁺ signal in mesoscopic scale biochemical cell systems. Biophysical Chemistry, 2007, 125, 397-402.	2.8	10