

Jae Dong Noh

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,262
citations

279798

23
h-index

214800

47
g-index

70
all docs

70
docs citations

70
times ranked

1652
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of discontinuous phase transitions by particle diffusion. <i>Physical Review E</i> , 2022, 105, .	2.1	1
2	Eigenstate thermalization hypothesis and eigenstate-to-eigenstate fluctuations. <i>Physical Review E</i> , 2021, 103, 012129.	2.1	12
3	Operator growth in the transverse-field Ising spin chain with integrability-breaking longitudinal field. <i>Physical Review E</i> , 2021, 104, 034112.	2.1	19
4	Geometry-induced rectification for an active object. <i>Physical Review Research</i> , 2021, 3, .	3.6	1
5	Numerical Verification of the Fluctuation-Dissipation Theorem for Isolated Quantum Systems. <i>Physical Review Letters</i> , 2020, 125, 050603.	7.8	11
6	Guide to Exact Diagonalization Study of Quantum Thermalization. <i>Journal of the Korean Physical Society</i> , 2020, 76, 670-683.	0.7	8
7	Heating and cooling of quantum gas by eigenstate Joule expansion. <i>Physical Review E</i> , 2019, 100, 010106.	2.1	6
8	Quantum mechanical bound for efficiency of quantum Otto heat engine. <i>Physical Review E</i> , 2019, 100, 012148.	2.1	11
9	Universal property of the housekeeping entropy production. <i>Physical Review E</i> , 2019, 99, 012136.	2.1	10
10	Microscopic theory for the time irreversibility and the entropy production. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 023208.	2.3	8
11	Emergence of nonwhite noise in Langevin dynamics with magnetic Lorentz force. <i>Physical Review E</i> , 2018, 97, 032117.	2.1	22
12	Optimal tuning of a Brownian information engine operating in a nonequilibrium steady state. <i>Physical Review E</i> , 2018, 98, .	2.1	22
13	Human bipedalism and body-mass index. <i>Scientific Reports</i> , 2017, 7, 3688.	3.3	2
14	Time-Delay Induced Dimensional Crossover in the Voter Model. <i>Physical Review Letters</i> , 2017, 118, 168302.	7.8	3
15	Tricritical behavior of nonequilibrium Ising spins in fluctuating environments. <i>Physical Review E</i> , 2017, 95, 042106.	2.1	11
16	Macroscopic time-reversal symmetry breaking at a nonequilibrium phase transition. <i>Physical Review E</i> , 2016, 93, 012113.	2.1	18
17	Optimal tuning of a confined Brownian information engine. <i>Physical Review E</i> , 2016, 93, 032146.	2.1	13
18	Efficiency at maximum power and efficiency fluctuations in a linear Brownian heat-engine model. <i>Physical Review E</i> , 2016, 94, 012127.	2.1	39

#	ARTICLE	IF	CITATIONS
19	Nonequilibrium Statistical Physics for Microscopic Thermal Systems. Physics and High Technology, 2016, 25, 42-45.	0.1	0
20	Hidden entropy production by fast variables. Physical Review E, 2015, 91, 052128.	2.1	24
21	Block renormalization study on the nonequilibrium chiral Ising model. Physical Review E, 2015, 91, 012132.	2.1	4
22	On the steady-state probability distribution of nonequilibrium stochastic systems. Journal of the Korean Physical Society, 2015, 66, 544-552.	0.7	3
23	Degree-ordered percolation on a hierarchical scale-free network. Physical Review E, 2014, 89, 062816.	2.1	4
24	Fluctuations and correlations in nonequilibrium systems. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P01013.	2.3	8
25	Stochastic echo phenomena in nonequilibrium systems. Journal of the Korean Physical Society, 2014, 64, 504-509.	0.7	1
26	Multiple Dynamic Transitions in Nonequilibrium Work Fluctuations. Physical Review Letters, 2013, 111, 130601.	7.8	16
27	Epidemic threshold of the susceptible-infected-susceptible model on complex networks. Physical Review E, 2013, 87, 062812.	2.1	65
28	Work fluctuations in a time-dependent harmonic potential: Rigorous results beyond the overdamped limit. Physical Review E, 2013, 88, 062102.	2.1	38
29	Coarsening dynamics of nonequilibrium chiral Ising models. Physical Review E, 2013, 87, 012129.	2.1	3
30	Percolation transitions with nonlocal constraint. Physical Review E, 2012, 86, 031113.	2.1	3
31	Phenomenology of aging in the Kardar-Parisi-Zhang equation. Physical Review E, 2012, 85, 030102.	2.1	41
32	Condensation and clustering in the driven pair exclusion process. Journal of the Korean Physical Society, 2012, 60, 576-580.	0.7	1
33	Fluctuation Relation for Heat. Physical Review Letters, 2012, 108, 240603.	7.8	48
34	Nonequilibrium fluctuations for linear diffusion dynamics. Physical Review E, 2011, 83, 061145.	2.1	41
35	Scaling of cluster heterogeneity in percolation transitions. Physical Review E, 2011, 84, 010101.	2.1	14
36	Asymmetric simple exclusion process in one-dimensional chains with long-range links. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P04003.	2.3	2

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37	Particle condensation in pair exclusion process. Physical Review E, 2010, 81, 051120.	2.1	5
38	Multiple condensates in driven diffusive system. Journal of the Korean Physical Society, 2010, 56, 973-976.	0.7	3
39	Structural phase transition in evolving networks. Physical Review E, 2009, 80, 026119.	2.1	5
40	Critical behavior of the contact process in annealed scale-free networks. Physical Review E, 2009, 79, 056115.	2.1	28
41	Relaxation dynamics of an elastic string in random media. Physical Review E, 2009, 80, 040102.	2.1	15
42	Critical behavior of the Ising model in annealed scale-free networks. Physical Review E, 2009, 80, 051127.	2.1	33
43	Instability in a Network Coevolving with a Particle System. Physical Review Letters, 2008, 100, 118702.	7.8	8
44	Percolation Transition in Correlated Static Model. Journal of the Korean Physical Society, 2008, 52, 145.	0.7	4
45	Percolation transition in networks with degree-degree correlation. Physical Review E, 2007, 76, 026116.	2.1	53
46	Epidemic dynamics of two species of interacting particles on scale-free networks. Physical Review E, 2006, 74, 066113.	2.1	43
47	Random field Ising model on networks with inhomogeneous connections. Physical Review E, 2006, 74, 031118.	2.1	9
48	Asymmetrically Coupled Directed Percolation Systems. Physical Review Letters, 2005, 94, 145702.	7.8	16
49	Growing network model for community with group structure. Physical Review E, 2005, 71, 036131.	2.1	34
50	Stationary and dynamical properties of a zero-range process on scale-free networks. Physical Review E, 2005, 72, 056123.	2.1	46
51	Complete Condensation in a Zero Range Process on Scale-Free Networks. Physical Review Letters, 2005, 94, 198701.	7.8	62
52	Publisher's Note: Universality class of absorbing transitions with continuously varying critical exponents [Phys. Rev. E69, 016122 (2004)]. Physical Review E, 2004, 69, .	2.1	0
53	Scale-free trees: The skeletons of complex networks. Physical Review E, 2004, 70, 046126.	2.1	94
54	Universality class of absorbing transitions with continuously varying critical exponents. Physical Review E, 2004, 69, 016122.	2.1	50

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55	Constrained spin-dynamics description of random walks on hierarchical scale-free networks. Physical Review E, 2004, 69, 036111.	2.1	25
56	Random Walks on Complex Networks. Physical Review Letters, 2004, 92, 118701.	7.8	891
57	Exact scaling properties of a hierarchical network model. Physical Review E, 2003, 67, 045103.	2.1	53
58	Numerical study of the disorder-driven roughening transition in an elastic manifold in a periodic potential. Physical Review E, 2002, 66, 036117.	2.1	2
59	Stability of shortest paths in complex networks with random edge weights. Physical Review E, 2002, 66, 066127.	2.1	40
60	Anomalous roughness, localization, and globally constrained random walks. Physical Review E, 2001, 64, 046131.	2.1	13
61	Disorder-Driven Critical Behavior of Periodic Elastic Media in a Crystal Potential. Physical Review Letters, 2001, 87, 176102.	7.8	15
62	Roughening and preroughening transitions in crystal surfaces with double-height steps. Physical Review E, 2000, 61, 77-80.	2.1	1
63	Anomalous Roughness in Dimer-Type Surface Growth. Physical Review Letters, 2000, 84, 3891-3894.	7.8	20
64	Model for correlations in stock markets. Physical Review E, 2000, 61, 5981-5982.	2.1	84
65	Directed Ising type dynamic preroughening transition in one-dimensional interfaces. Physical Review E, 1999, 59, 194-204.	2.1	6
66	Extended universality of the surface curvature in equilibrium crystal shapes. Physical Review E, 1997, 56, 355-362.	2.1	3
67	Finite-size scaling and the toroidal partition function of the critical asymmetric six-vertex model. Physical Review E, 1996, 53, 3225-3239.	2.1	24
68	Phase transitions in the interacting-domain-wall model. Physical Review E, 1995, 51, 226-236.	2.1	8
69	Interacting domain walls and the five-vertex model. Physical Review E, 1994, 49, 1943-1961.	2.1	24
70	PHASE BOUNDARY AND UNIVERSALITY OF THE TRIANGULAR LATTICE ANTIFERROMAGNETIC ISING MODEL. International Journal of Modern Physics B, 1992, 06, 2913-2924.	2.0	12