

Jae Dong Noh

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

1,891
citations

21
h-index

42
g-index

70
ext. papers

2,085
ext. citations

3
avg, IF

5.26
L-index

#	Paper	IF	Citations
67	Geometry-induced rectification for an active object. <i>Physical Review Research</i> , 2021 , 3,	3.9	1
66	Eigenstate thermalization hypothesis and eigenstate-to-eigenstate fluctuations. <i>Physical Review E</i> , 2021 , 103, 012129	2.4	4
65	Operator growth in the transverse-field Ising spin chain with integrability-breaking longitudinal field. <i>Physical Review E</i> , 2021 , 104, 034112	2.4	2
64	Guide to Exact Diagonalization Study of Quantum Thermalization. <i>Journal of the Korean Physical Society</i> , 2020 , 76, 670-683	0.6	2
63	Numerical Verification of the Fluctuation-Dissipation Theorem for Isolated Quantum Systems. <i>Physical Review Letters</i> , 2020 , 125, 050603	7.4	7
62	Universal property of the housekeeping entropy production. <i>Physical Review E</i> , 2019 , 99, 012136	2.4	7
61	Heating and cooling of quantum gas by eigenstate Joule expansion. <i>Physical Review E</i> , 2019 , 100, 010106	2.4	4
60	Quantum mechanical bound for efficiency of quantum Otto heat engine. <i>Physical Review E</i> , 2019 , 100, 012148	2.4	8
59	Microscopic theory for the time irreversibility and the entropy production. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018 , 2018, 023208	1.9	8
58	Emergence of nonwhite noise in Langevin dynamics with magnetic Lorentz force. <i>Physical Review E</i> , 2018 , 97, 032117	2.4	15
57	Optimal tuning of a Brownian information engine operating in a nonequilibrium steady state. <i>Physical Review E</i> , 2018 , 98,	2.4	7
56	Human bipedalism and body-mass index. <i>Scientific Reports</i> , 2017 , 7, 3688	4.9	0
55	Time-Delay Induced Dimensional Crossover in the Voter Model. <i>Physical Review Letters</i> , 2017 , 118, 168302	7.4	3
54	Tricritical behavior of nonequilibrium Ising spins in fluctuating environments. <i>Physical Review E</i> , 2017 , 95, 042106	2.4	7
53	Macroscopic time-reversal symmetry breaking at a nonequilibrium phase transition. <i>Physical Review E</i> , 2016 , 93, 012113	2.4	16
52	Optimal tuning of a confined Brownian information engine. <i>Physical Review E</i> , 2016 , 93, 032146	2.4	7
51	Efficiency at maximum power and efficiency fluctuations in a linear Brownian heat-engine model. <i>Physical Review E</i> , 2016 , 94, 012127	2.4	30

50	Block renormalization study on the nonequilibrium chiral Ising model. <i>Physical Review E</i> , 2015 , 91, 012132.4	4
49	On the steady-state probability distribution of nonequilibrium stochastic systems. <i>Journal of the Korean Physical Society</i> , 2015 , 66, 544-552	0.6 3
48	Hidden entropy production by fast variables. <i>Physical Review E</i> , 2015 , 91, 052128	2.4 21
47	Fluctuations and correlations in nonequilibrium systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014 , 2014, P01013	1.9 6
46	Stochastic echo phenomena in nonequilibrium systems. <i>Journal of the Korean Physical Society</i> , 2014 , 64, 504-509	0.6 1
45	Degree-ordered percolation on a hierarchical scale-free network. <i>Physical Review E</i> , 2014 , 89, 062816	2.4 3
44	Multiple dynamic transitions in nonequilibrium work fluctuations. <i>Physical Review Letters</i> , 2013 , 111, 130601	7.4 15
43	Epidemic threshold of the susceptible-infected-susceptible model on complex networks. <i>Physical Review E</i> , 2013 , 87, 062812	2.4 57
42	Work fluctuations in a time-dependent harmonic potential: rigorous results beyond the overdamped limit. <i>Physical Review E</i> , 2013 , 88, 062102	2.4 29
41	Coarsening dynamics of nonequilibrium chiral Ising models. <i>Physical Review E</i> , 2013 , 87, 012129	2.4 3
40	Phenomenology of aging in the Kardar-Parisi-Zhang equation. <i>Physical Review E</i> , 2012 , 85, 030102	2.4 39
39	Condensation and clustering in the driven pair exclusion process. <i>Journal of the Korean Physical Society</i> , 2012 , 60, 576-580	0.6 1
38	Fluctuation relation for heat. <i>Physical Review Letters</i> , 2012 , 108, 240603	7.4 47
37	Percolation transitions with nonlocal constraint. <i>Physical Review E</i> , 2012 , 86, 031113	2.4 3
36	Nonequilibrium fluctuations for linear diffusion dynamics. <i>Physical Review E</i> , 2011 , 83, 061145	2.4 34
35	Scaling of cluster heterogeneity in percolation transitions. <i>Physical Review E</i> , 2011 , 84, 010101	2.4 12
34	Asymmetric simple exclusion process in one-dimensional chains with long-range links. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011 , 2011, P04003	1.9 1
33	Particle condensation in pair exclusion process. <i>Physical Review E</i> , 2010 , 81, 051120	2.4 5

32	Multiple condensates in driven diffusive system. <i>Journal of the Korean Physical Society</i> , 2010 , 56, 973-976.	6.6	3
31	Structural phase transition in evolving networks. <i>Physical Review E</i> , 2009 , 80, 026119	2.4	5
30	Critical behavior of the contact process in annealed scale-free networks. <i>Physical Review E</i> , 2009 , 79, 056115	2.4	25
29	Relaxation dynamics of an elastic string in random media. <i>Physical Review E</i> , 2009 , 80, 040102	2.4	15
28	Critical behavior of the Ising model in annealed scale-free networks. <i>Physical Review E</i> , 2009 , 80, 051127.	2.4	25
27	Instability in a network coevolving with a particle system. <i>Physical Review Letters</i> , 2008 , 100, 118702	7.4	8
26	Percolation Transition in Correlated Static Model. <i>Journal of the Korean Physical Society</i> , 2008 , 52, 145	0.6	3
25	Percolation transition in networks with degree-degree correlation. <i>Physical Review E</i> , 2007 , 76, 026116	2.4	44
24	Epidemic dynamics of two species of interacting particles on scale-free networks. <i>Physical Review E</i> , 2006 , 74, 066113	2.4	34
23	Random field Ising model on networks with inhomogeneous connections. <i>Physical Review E</i> , 2006 , 74, 031118	2.4	9
22	Asymmetrically coupled directed percolation systems. <i>Physical Review Letters</i> , 2005 , 94, 145702	7.4	13
21	Growing network model for community with group structure. <i>Physical Review E</i> , 2005 , 71, 036131	2.4	25
20	Stationary and dynamical properties of a zero-range process on scale-free networks. <i>Physical Review E</i> , 2005 , 72, 056123	2.4	42
19	Complete condensation in a zero range process on scale-free networks. <i>Physical Review Letters</i> , 2005 , 94, 198701	7.4	57
18	Scale-free trees: the skeletons of complex networks. <i>Physical Review E</i> , 2004 , 70, 046126	2.4	84
17	Universality class of absorbing transitions with continuously varying critical exponents. <i>Physical Review E</i> , 2004 , 69, 016122	2.4	47
16	Constrained spin-dynamics description of random walks on hierarchical scale-free networks. <i>Physical Review E</i> , 2004 , 69, 036111	2.4	24
15	Random walks on complex networks. <i>Physical Review Letters</i> , 2004 , 92, 118701	7.4	73 ⁶

14	Exact scaling properties of a hierarchical network model. <i>Physical Review E</i> , 2003 , 67, 045103	2.4	49
13	Numerical study of the disorder-driven roughening transition in an elastic manifold in a periodic potential. <i>Physical Review E</i> , 2002 , 66, 036117	2.4	2
12	Stability of shortest paths in complex networks with random edge weights. <i>Physical Review E</i> , 2002 , 66, 066127	2.4	36
11	Anomalous roughness, localization, and globally constrained random walks. <i>Physical Review E</i> , 2001 , 64, 046131	2.4	13
10	Disorder-driven critical behavior of periodic elastic media in a crystal potential. <i>Physical Review Letters</i> , 2001 , 87, 176102	7.4	14
9	Roughening and preroughening transitions in crystal surfaces with double-height steps. <i>Physical Review E</i> , 2000 , 61, 77-80	2.4	1
8	Anomalous roughness in dimer-type surface growth. <i>Physical Review Letters</i> , 2000 , 84, 3891-4	7.4	20
7	Model for correlations in stock markets. <i>Physical Review E</i> , 2000 , 61, 5981-2	2.4	74
6	Directed Ising type dynamic preroughening transition in one-dimensional interfaces. <i>Physical Review E</i> , 1999 , 59, 194-204	2.4	6
5	Extended universality of the surface curvature in equilibrium crystal shapes. <i>Physical Review E</i> , 1997 , 56, 355-362	2.4	3
4	Finite-size scaling and the toroidal partition function of the critical asymmetric six-vertex model. <i>Physical Review E</i> , 1996 , 53, 3225-3239	2.4	22
3	Phase transitions in the interacting-domain-wall model. <i>Physical Review E</i> , 1995 , 51, 226-236	2.4	8
2	Interacting domain walls and the five-vertex model. <i>Physical Review E</i> , 1994 , 49, 1943-1961	2.4	21
1	PHASE BOUNDARY AND UNIVERSALITY OF THE TRIANGULAR LATTICE ANTIFERROMAGNETIC ISING MODEL. <i>International Journal of Modern Physics B</i> , 1992 , 06, 2913-2924	1.1	11