Joonhyun Yeo

List of Publications by Year
in descending order

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41	354	840776 11	888059 17
papers	citations	h-index	g-index

41	41	41	265
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermodynamic Glass Transition in Finite Dimensions. Physical Review Letters, 2006, 96, 095701.	7.8	31
2	Renormalization group analysis of theM-p-spin glass model withp=3andM=3. Physical Review B, 2012, 85, .	3.2	29
3	Origin of the growing length scale in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>M</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-spin glass models. Physical Review E, 2012, 86, 052501.	2.1	23
4	Unconventional entropy production in the presence of momentum-dependent forces. Journal of the Korean Physical Society, 2016, 68, 633-638.	0.7	23
5	Metastable dynamics of the hard-sphere system. Physical Review E, 1995, 52, 853-861.	2.1	21
6	Density nonlinearities and a field theory for the dynamics of simple fluids. Journal of Statistical Physics, 1994, 74, 1017-1032.	1.2	18
7	Metastable dynamics above the glass transition. Physical Review E, 1995, 51, 5752-5761.	2.1	17
8	Nonperturbative Approach to Correlations in Two-Dimensional Vortex Liquids. Physical Review Letters, 1996, 76, 1142-1145.	7.8	17
9	Parquet-graph resummation method for vortex liquids. Physical Review B, 1996, 54, 4218-4231.	3.2	15
10	Simple Ginzburg-Landau Theory for Vortices in a Crystal Lattice. Physical Review Letters, 1997, 78, 4490-4493.	7.8	13
11	Housekeeping entropy in continuous stochastic dynamics with odd-parity variables. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 093205.	2.3	13
12	Noninteger flux quanta for a spherical superconductor. Physical Review B, 1998, 57, 10785-10789.	3.2	11
13	Finite-size critical scaling in Ising spin glasses in the mean-field regime. Physical Review E, 2016, 93, 032123.	2.1	11
14	Numerical Verification of the Fluctuation-Dissipation Theorem for Isolated Quantum Systems. Physical Review Letters, 2020, 125, 050603.	7.8	11
15	Metastability, mode coupling and the glass transition. Journal of Non-Crystalline Solids, 1994, 172-174, 1-6.	3.1	9
16	Nature of perturbation theory in spin glasses. Journal of Physics A, 2005, 38, 4027-4045.	1.6	9
17	First-order transition and critical end point in vortex liquids in layered superconductors. Physical Review B, 2001, 64, .	3.2	8
18	Finite-size effects in Monte Carlo simulations of the Gaussian disorder model. Journal of the Korean Physical Society, 2012, 60, 1897-1901.	0.7	7

#	Article	IF	Citations
19	Metastable minima of the Heisenberg spin glass in a random magnetic field. Physical Review E, 2016, 94, 052143.	2.1	7
20	Reentrant melting of soliton lattice phase in a bilayer quantum Hall system. Physical Review B, 2002, 66, .	3.2	6
21	Density nonlinearities in field theories for a toy model of fluctuating nonlinear hydrodynamics of supercooled liquids. Physical Review E, 2009, 80, 051501.	2.1	6
22	Complexity of Vector Spin Glasses. Physical Review Letters, 2004, 93, 077201.	7.8	5
23	Critical point scaling of Ising spin glasses in a magnetic field. Physical Review B, 2015, 91, .	3.2	5
24	Possible instability of one-step replica symmetry breaking in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -spin Ising models outside mean-field theory. Physical Review E, 2020, 101, 032127.	2.1	5
25	Mode coupling and metastability. Transport Theory and Statistical Physics, 1995, 24, 881-901.	0.4	4
26	Self-organized critical behavior and marginality in Ising spin glasses. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 053302.	2.3	4
27	Symmetry and its breaking in a path-integral approach to quantum Brownian motion. Physical Review E, 2019, 100, 062107.	2.1	4
28	Three heats in a strongly coupled system and bath. Physical Review E, 2019, 100, 052127.	2.1	4
29	Liquid-to-liquid phase transition in pancake vortex systems. Physical Review B, 2002, 65, .	3.2	3
30	MODULATION OF ORDER PARAMETER OF EXCITON BOSE-EINSTEIN CONDENSATE IN A RING. International Journal of Modern Physics B, 2004, 18, 3797-3802.	2.0	3
31	An improved nonperturbative method for studying two-dimensional vortex liquids. Journal of Physics Condensed Matter, 2006, 18, 3607-3615.	1.8	3
32	Non-commutative field theory approach to two-dimensional vortex liquid system. Journal of Physics A, 2004, 37, L39-L46.	1.6	2
33	Reconstruction of condensed magnetoexciton droplets in a trap in strong magnetic fields. Physical Review B, 2005, 71, .	3.2	2
34	Renormalized perturbation theory for a toy model of fluctuating nonlinear hydrodynamics of supercooled liquids. Journal of Non-Crystalline Solids, 2011, 357, 427-434.	3.1	1
35	TRANSIT TIME DISTRIBUTION AND MOBILITY IN MONTE CARLO SIMULATIONS OF THE GAUSSIAN DISORDER MODEL. International Journal of Modern Physics B, 2013, 27, 1350010.	2.0	1
36	Reply to â€œComment on â€˜Critical point scaling of Ising spin glasses in a magnetic fieldâ€™ â€• Physical Review B, 2016, 94, .	3.2	1

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37	Improved Field Theoretical Approach to Noninteracting Brownian Particles in a Quenched Random Potential. Journal of the Korean Physical Society, 2020, 77, 719-734.	0.7	1
38	Role of Non-Parquet Diagrams in the Parquet Graph Resummation Method for Two-Dimensional Vortex Liquids. Journal of the Korean Physical Society, 2008, 52, 1093-1098.	0.7	1
39	Ground-state energy of theq-state Potts model: The minimum modularity. Physical Review E, 2014, 90, 052140.	2.1	0
40	MODULATION OF ORDER PARAMETER OF EXCITON BOSE-EINSTEIN CONDENSATE IN A RING. , 2005, , .		0
41	Numerical Methods for Solving Nonperturbative Integral Equations for Two-dimensional Vortex Liquids. New Physics: Sae Mulli, 2014, 64, 364-370.	0.1	0