

Wooseop Kwak

List of Publications by Year in descending order

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19
papers

160
citations

1307594

7
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	First-order phase transition and tricritical scaling behavior of the Blume-Capel model: A Wang-Landau sampling approach. <i>Physical Review E</i> , 2015, 92, 022134.	2.1	42
2	Analyzing the financial crisis using the entropy density function. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 419, 464-469.	2.6	29
3	Three-dimensional non-destructive optical evaluation of laser-processing performance using optical coherence tomography. <i>Optics and Laser Technology</i> , 2008, 40, 625-631.	4.6	14
4	Critical behavior of the XY model on growing scale-free networks. <i>Physical Review E</i> , 2007, 75, 061130.	2.1	12
5	Application of Wang-Landau sampling to a protein model using SMMP. <i>Computer Physics Communications</i> , 2010, 181, 99-104.	7.5	12
6	Study of the antiferromagnetic Blume-Capel model by using the partition function zeros in the complex temperature plane. <i>Journal of the Korean Physical Society</i> , 2014, 65, 436-440.	0.7	9
7	Temporal evolution into a more efficient stock market. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 2002-2008.	2.6	7
8	Agent-Based Approach for Revitalization Strategy of Knowledge Ecosystem. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 034803.	1.6	6
9	An efficient determination of the critical temperature of the Blume-Capel model. <i>Journal of the Korean Physical Society</i> , 2013, 62, 861-865.	0.7	5
10	Reliability of using a joint density of states reconstructed with a histogram. <i>Journal of the Korean Physical Society</i> , 2013, 62, 559-563.	0.7	5
11	Susceptibility of the Ising Model on a Kagomé Lattice by Using Wang-Landau Sampling. <i>Journal of the Korean Physical Society</i> , 2018, 72, 653-657.	0.7	5
12	Partition Function Zeros of the Ising Model on a Kagomé Lattice in the Complex Magnetic-Field Plane. <i>Journal of the Korean Physical Society</i> , 2018, 73, 547-552.	0.7	4
13	Specific-Heat Anomaly of the Kagomé-Lattice Ising Model in a Magnetic Field. <i>Journal of the Korean Physical Society</i> , 2020, 77, 630-634.	0.7	4
14	All-atom simulation study of protein PTH(1-34) by using the Wang-Landau sampling method. <i>Journal of the Korean Physical Society</i> , 2014, 65, 1733-1737.	0.7	2
15	Schottky-Anomaly of the Ising Model on Kagomé Lattice in an External Magnetic Field. <i>Journal of the Korean Physical Society</i> , 2019, 74, 913-917.	0.7	2
16	Accelerated spin dynamics using deep learning corrections. <i>Scientific Reports</i> , 2020, 10, 13772.	3.3	2
17	Dependency of Critical Behaviors on Different Order Parameters for Antiferromagnetic Heisenberg Model on Three-Dimensional Regular Lattice. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 2651-2654.	2.1	0
18	Effect of Thermal Noise on Conserved Lattice Gas. <i>Journal of the Korean Physical Society</i> , 2019, 74, 918-922.	0.7	0

#	ARTICLE	IF	CITATIONS
19	Asymmetric field dependence of the specific heat of the three-state Potts model on a square lattice. Journal of the Korean Physical Society, 2021, 79, 1114-1120.	0.7	0