

Petr Dmitrievich Andriushchenko

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

70
citations

1478505

6
h-index

1588992

8
g-index

20
all docs

20
docs citations

20
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicanonical sampling of the space of states of $\hat{a}, \langle 2, n \rangle$ -vector models. Journal of Experimental and Theoretical Physics, 2017, 124, 982-993.	0.9	10
2	On the Numerical Calculation of Frustrations in the Ising Model. JETP Letters, 2019, 110, 702-706.	1.4	10
3	Calculations of magnetoactive elastomer reactions in a uniform external magnetic field. European Physical Journal B, 2014, 87, 1.	1.5	8
4	Influence of cutoff dipole interaction radius and dilution on phase transition in kagome artificial spin ice. Journal of Magnetism and Magnetic Materials, 2019, 476, 284-288.	2.3	8
5	Comparison of diluted antiferromagnetic Ising models on frustrated lattices in a magnetic field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1229-1234.	2.1	7
6	Large peaks in the entropy of the diluted nearest-neighbor spin-ice model on the pyrochlore lattice in a [111] magnetic field. Physical Review E, 2019, 99, 022138.	2.1	7
7	Approaches to numerical solution of 2D Ising model. Journal of Physics: Conference Series, 2016, 741, 012199.	0.4	5
8	Magnetic Phase Transitions in the Lattice Ising Model. Advanced Materials Research, 2013, 718-720, 166-171.	0.3	3
9	A New Look at the Spin Glass Problem from a Deep Learning Perspective. Entropy, 2022, 24, 697.	2.2	3
10	Interplay of frustrations, interaction length, and dilution on magnetic transitions in vector models. Journal of Physics: Conference Series, 2017, 936, 012081.	0.4	2
11	Bayesian Networks-based personal data synthesis. , 2020, , .		2
12	Calculation of Order Parameter and Critical Exponents of the Spin Glass in the Frame of Edwards-Anderson Model. Solid State Phenomena, 0, 312, 251-255.	0.3	2
13	Simulation of the Motion of Magnetic Nanoparticles in Human Tissues. Solid State Phenomena, 0, 215, 284-287.	0.3	1
14	Modeling of Magnetostriction of Soft Elastomer. Journal of Physics: Conference Series, 2014, 490, 012168.	0.4	1
15	Analysis of parameters of oil and gas fields using Bayesian networks. , 2020, , .		1
16	Order-disorder transitions in the Ising model. , 2014, , .		0
17	Magnetic phase transformations in the Ising model. , 2014, , .		0
18	Simulation of deformations in magnetic media by the movable cellular automata method. Journal of Physics: Conference Series, 2015, 633, 012018.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Order Parameter in Short-Range and Long-Range Ising Finite Ferromagnetic Models. Solid State Phenomena, 2016, 247, 153-157.	0.3	0
20	Partition Function and Density of States in Models of a Finite Number of Ising Spins with Direct Exchange between the Minimum and Maximum Number of Nearest Neighbors. Solid State Phenomena, 0, 247, 142-147.	0.3	0