Magomedsheykh K Ramazanov

List of Publications by Year
in descending order

45	680	471509 17	610901 24
papers	citations	h-index	g-index

45	45	45	112
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ising model on a square lattice with second-neighbor and third-neighbor interactions. Journal of Magnetism and Magnetic Materials, 2015, 384, 247-254.	2.3	41
2	Influence of field on frustrations in low-dimensional magnets. Journal of Magnetism and Magnetic Materials, 2012, 324, 3418-3421.	2.3	39
3	Phase transitions in the antiferromagnetic Ising model on a body-centered cubic lattice with interactions between next-to-nearest neighbors. Journal of Experimental and Theoretical Physics, 2015, 120, 110-114.	0.9	34
4	Critical properties of the two-dimensional Ising model on a square lattice with competing interactions. Physica B: Condensed Matter, 2015, 476, 1-5.	2.7	32
5	Thermodynamic, critical properties and phase transitions of the Ising model on a square lattice with competing interactions. Solid State Communications, 2016, 233, 35-40.	1.9	30
6	Phase diagrams and ground-state structures of the Potts model on a triangular lattice. Physica A: Statistical Mechanics and Its Applications, 2019, 521, 543-550.	2.6	30
7	Critical properties of the three-dimensional frustrated Heisenberg model on a layered-triangular lattice with variable interplane exchange interaction. Physical Review B, 2007, 76, .	3.2	26
8	Phase transitions in the antiferromagnetic ising model on a square lattice with next-nearest-neighbor interactions. Journal of Experimental and Theoretical Physics, 2013, 117, 1091-1096.	0.9	26
9	Phase transitions and critical properties in the antiferromagnetic Heisenberg model on a layered cubic lattice. JETP Letters, 2017, 106, 86-91.	1.4	26
10	Phase transitions in the antiferromagnetic layered Ising model on a cubic lattice. JETP Letters, 2016, 103, 460-464.	1.4	25
11	Phase transitions in the antiferromagnetic Heisenberg model on a layered triangular lattice with the next-nearest neighbor interactions. JETP Letters, 2011, 94, 311-314.	1.4	24
12	Critical properties of an antiferromagnetic Ising model on a square lattice with interactions of the next-to-nearest neighbors. Low Temperature Physics, 2011, 37, 1001-1005.	0.6	23
13	Phase transitions and critical phenomena in the antiferromagnetic Ising model on a layered triangular lattice. Physica A: Statistical Mechanics and Its Applications, 2018, 507, 210-218.	2.6	23
14	Phase transitions and critical characteristics in the layered antiferromagnetic Ising model with next-nearest-neighbor intralayer interactions. JETP Letters, 2015, 101, 714-718.	1.4	22
15	Monte Carlo investigation of phase transitions in the frustrated Heisenberg model on a triangular lattice. Physics of the Solid State, 2010, 52, 1673-1679.	0.6	21
16	Phase diagrams and ground-state structures of the antiferromagnetic materials on a body-centered cubic lattice. Materials Letters, 2019, 236, 669-671.	2.6	21
17	Phase Transitions and Thermodynamic Properties of the Potts Model with Spin States Number q = 4 on a Hexagonal Lattice. Journal of Experimental and Theoretical Physics, 2019, 129, 421-425.	0.9	19
18	Critical Properties of the Three-Dimensional Frustrated Ising Model on a Cubic Lattice. Physics of the Solid State, 2005, 47, 1163.	0.6	17

#	Article	IF	Citations
19	Static critical behavior of 3D frustrated Heisenberg model on stacked triangular lattice with variable interlayer exchange coupling. Journal of Experimental and Theoretical Physics, 2007, 105, 1011-1017.	0.9	17
20	Study of critical properties of the frustrated antiferromagnetic Heisenberg model on a triangular lattice. Physics of the Solid State, 2011, 53, 1067-1072.	0.6	17
21	Monte Carlo investigation of the critical properties of a three-dimensional frustrated Heisenberg model on a triangular lattice. Low Temperature Physics, 2009, 35, 521-525.	0.6	16
22	Phase Diagram of the Antiferromagnetic Heisenberg Model on a Cubic Lattice. JETP Letters, 2019, 109, 589-593.	1.4	16
23	A study of the critical properties of the Ising model on body-centered cubic lattice taking into account the interaction of next behind nearest neighbors. Physics of the Solid State, 2017, 59, 1103-1109.	0.6	15
24	Phase Diagram and Structure of the Ground State of the Antiferromagnetic Ising Model on a Body-Centered Cubic Lattice. JETP Letters, 2018, 107, 259-263.	1.4	14
25	Static critical behavior of the 3D frustrated Heisenberg model on a layered triangular lattice. Low Temperature Physics, 2006, 32, 241-244.	0.6	12
26	Phase transitions and critical properties of the frustrated Heisenberg model on a layer triangular lattice with next-to-nearest-neighbor interactions. Journal of Experimental and Theoretical Physics, 2012, 115, 303-308.	0.9	12
27	Phase Transitions in the Antiferromagnetic Heisenberg Model on a Body-Centered Cubic Lattice with Allowance for the Next-Nearest-Neighbor Interactions. Physics of the Solid State, 2018, 60, 1173-1176.	0.6	11
28	Phase Transitions and Critical Properties of the Heisenberg Antiferromagnetic Model on a Body-Centered Cubic Lattice with Second Nearest Neighbor Interaction. Journal of Experimental and Theoretical Physics, 2019, 129, 903-910.	0.9	11
29	Phase transitions and thermodynamic properties of antiferromagnetic Ising model with next-nearest-neighbor interactions on the KagomÃ© lattice. Phase Transitions, 2018, 91, 610-618.	1.3	10
30	Phase transitions and critical properties in the antiferromagnetic Ising model on a layered triangular lattice with allowance for intralayer next-nearest-neighbor interactions. Journal of Experimental and Theoretical Physics, 2016, 123, 623-628.	0.9	9
31	Phase Transitions and the Thermodynamic Properties of the Potts Model with the Number of Spin States q = 4 on a Triangular Lattice. Physics of the Solid State, 2019, 61, 2172-2176.	0.6	9
32	Critical properties of the antiferromagnetic layered Ising model on a cubic lattice with competing interactions. Physics of the Solid State, 2017, 59, 1822-1828.	0.6	6
33	Studying Thermodynamic Properties of the Ising Model on a Body-Centered Cubic Lattice with Competing Exchange Interactions. Physics of the Solid State, 2018, 60, 1848-1852.	0.6	5
34	Phase transitions in the Ising model on a triangular lattice with different values of interlayer exchange interaction. Low Temperature Physics, 2019, 45, 1263-1266.	0.6	5
35	Frustrations and phase transitions in the Ising model on square lattice. Journal of Physics: Conference Series, 2014, 510, 012026.	0.4	4
36	Phase transitions in the Heisenberg model on a layered triangular lattice in a magnetic field. Phase Transitions, 2021, 94, 394-403.	1.3	4

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37	Phase Transitions and the Critical Properties of the Heisenberg Model on a Body-Centered Cubic Lattice. Physics of the Solid State, 2019, 61, 1107-1112.	0.6	3
38	Critical Properties in the Ising Model on a Triangular Lattice with the Variable Interlayer Exchange Interaction. Physics of the Solid State, 2019, 61, 1854-1859.	0.6	3
39	Frustrations and Phase Transitions in Ising Model on 2D Lattices. Solid State Phenomena, 2010, 168-169, 435-438.	0.3	1
40	Frustrations and Phase Transitions in Low-Dimensional Magnetic Systems. Materials Science Forum, 2016, 845, 111-116.	0.3	1
41	Investigation of the effect of frustration on the critical properties of the 3D Heisenberg antiferromagnetic model. Journal of Communications Technology and Electronics, 2009, 54, 191-196.	0.5	0
42	Phase Transition in Frustrated Heisenberg Antiferromagnet on a Triangular Lattice with Next-Nearest Neighbor Interactions. Solid State Phenomena, 0, 190, 417-420.	0.3	0
43	Phase Transitions in the Antiferromagnetic Heisenberg Model on a Triangular Lattice with the Next-Nearest Neighbor Interactions. Solid State Phenomena, 0, 215, 3-10.	0.3	0
44	Ising Antiferromagnet with Nearest-Neighbor and Next-Nearest-Neighbor Interactions on a Square Lattice. Solid State Phenomena, 0, 215, 17-21.	0.3	0
45	Phase Transitions in Frustrated Ising Antiferromagnet on a Body-Centered Cubic Lattice with Next-Nearest Neighbor Interactions. Solid State Phenomena, 0, 233-234, 86-89.	0.3	0