Erhan Albayrak

List of Publications by Year
in descending order

145 papers	1,468 citations	331670 21 h-index	477307 29 g-index
145 all docs	145 docs citations	145 times ranked	232 citing authors

#	Article	IF	Citations
1	Random transverse single-ion anisotropies in the mixed spin-1 and spin-1/2 Blume–Capel quantum model: Mean-field theory calculations. Pramana - Journal of Physics, 2022, 96, 1.	1.8	1
2	Bimodal-random field Blume–Capel model in the cluster variation method. Chinese Journal of Physics, 2022, , .	3.9	1
3	Random Crystal Field Effect on the Critical Properties of the Mixed Spin-(52,12) Anisotropic Heisenberg Model in the Oguchi Approximation. Spin, 2022, 12, .	1.3	2
4	The magnetic properties of mixed spin-$(\frac{5}{...})$ anisotropic Heisenberg model in the Oguchi approximation. Physica B: Condensed Matter, 2022, 634, 413782.	2.7	1
5	Antiferromagnetic spin-1 XYZ model with the Dzyaloshinskii–Moriya interaction. European Physical Journal Plus, 2022, 137, .	2.6	2
6	Critical and hysteresis phenomena in the mixed spin-$(\frac{3}{...})$ anisotropic two-dimensional Heisenberg model: A Monte Carlo study. Physica A: Statistical Mechanics and Its Applications, 2022, , 127939.	2.6	1
7	The spin-1 XYZ model with Dzyaloshinskii–Moriya interaction. Physica B: Condensed Matter, 2022, 642, 414166.	2.7	0
8	Anisotropic Heisenberg model for the mixed spin-3/2 and spin-1/2 under random crystal field. Condensed Matter Physics, 2021, 24, 13704.	0.7	4
9	Trimodal-random field Blume-Capel model. Modern Physics Letters B, 2021, 35, 2150270.	1.9	3
10	Random crystal field effects on antiferromagnetic spin-1 Blume–Capel model. Modern Physics Letters B, 2021, 35, 2150286.	1.9	3
11	±J Blume–Capel Model with external magnetic field in the cluster variation method. Physica A: Statistical Mechanics and Its Applications, 2021, 575, 126054.	2.6	3
12	Random transverse crystal-field effects on the magnetic properties of the spin-$3 \otimes 2$ Blume–Capel model. Physica B: Condensed Matter, 2021, 619, 413234.	2.7	3
13	Effects of the random single-ion anisotropy on the spin-1 Blume-Emery-Griffiths model. Journal of Magnetism and Magnetic Materials, 2021, 537, 168217.	2.3	4
14	Exact Recursion Relation Approach to Spin-1 Two-Leg Ladder. Acta Physica Polonica A, 2021, 140, 273-280.	0.5	0
15	The critical behaviors of a ferromagnetic–ferrimagnetic Ising ternary alloy with mixed spin-(1/2, 3/2,) Tj ETQq1 1 0.784314 rgBT /Ov	2.6	5
16	The thermal properties of the mixed spin-1/2, 1, 3/2 Ising model on the Bethe lattice. Modern Physics Letters B, 2021, 35, 2150079.	1.9	0
17	Critical properties of the spin-1 Blume–Capel model with a random transverse crystal field. Physica B: Condensed Matter, 2021, 626, 413515.	2.7	0
18	The study of mixed spin-1 and spin-1/2: Entropy and isothermal entropy change. Physica A: Statistical Mechanics and Its Applications, 2020, 559, 125079.	2.6	11

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19	Staggered Quadrupolar Phase in the Bond-Diluted Spin-1 Blume-Emery-Griffiths Model. International Journal of Theoretical Physics, 2020, 59, 3915-3935.	1.2	4
20	The random field Blume-Capel model on the Bethe lattice. Chinese Journal of Physics, 2020, 68, 100-105.	3.9	9
21	The critical behaviors of the mixed spin-1/2 and spin-2 model in a random crystal field. Journal of Magnetism and Magnetic Materials, 2020, 513, 167103.	2.3	2
22	Spin-1 Ising model with nearest and next-nearest bilinear and biquadratic interactions on the Bethe lattice. Physica B: Condensed Matter, 2020, 594, 412353.	2.7	2
23	Antiferromagnetic Spin-3/2 Ising Model Under the Influence of Random Crystal Field. Brazilian Journal of Physics, 2020, 50, 245-253.	1.4	0
24	The Ising model with nearest- and next-nearest-neighbor interactions on the Bethe lattice: The exact recursion relations. Modern Physics Letters B, 2020, 34, 2050087.	1.9	0
25	Mixed Spin-1/2 and 5/2 Blume-Capel Model on the Bethe Lattice in the $\pm$ J Distribution with an Adjusting Parameter. Journal of Superconductivity and Novel Magnetism, 2020, 33, 2179-2188.	1.8	7
26	Triple mixed-spin Ising model. International Journal of Modern Physics B, 2020, 34, 2050129.	2.0	1
27	Isothermal Entropy Change for the Spin-1 Blume-Capel Model on the Bethe Lattice. International Journal of Theoretical Physics, 2019, 58, 4111-4118.	1.2	3
28	The mixed spin-1/2 and spin-1 model with alternating coordination number. International Journal of Modern Physics B, 2019, 33, 1950102.	2.0	1
29	The ferri-ferro-ferrimagnetic quaternary alloy. Physica B: Condensed Matter, 2019, 552, 71-77.	2.7	2
30	Random crystal field effects on the integer and half-integer mixed-spin system. Superlattices and Microstructures, 2018, 117, 65-71.	3.1	3
31	The Random Change of Coordination Number in the Blume-Capel Model. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3595-3599.	1.8	2
32	The spin-1 Blume–Capel model on the Bethe lattice in $\pm$ J distribution with an adjustable parameter between FM and AFM phases. Chinese Journal of Physics, 2018, 56, 622-629.	3.9	13
33	Spin-1/2 Ising model on a AFM/FM two-layer Bethe lattice in a staggered magnetic field. Chinese Journal of Physics, 2018, 56, 1252-1261.	3.9	2
34	The single-ion anisotropy effects in the mixed-spin ternary-alloy. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 880-886.	2.1	3
35	Random Crystal Field Effects on the Mixed-Spin 1/2 and 5/2 Blume-Capel Model. International Journal of Theoretical Physics, 2018, 57, 715-725.	1.2	4
36	The Mixed Spin-1/2 and Spin-1 Ising–Heisenberg Model in the Mean-Field Approximation: a New Approach. Chinese Physics Letters, 2018, 35, 037501.	3.3	8

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37	The crystal-field dependency of sound attenuation in the spin-3/2 ising model. Chinese Journal of Physics, 2018, 56, 844-852.	3.9	0
38	The phase diagrams of the mixed-spin ternary-alloy consisting of half-integer spins: Standard-random approach. Physica B: Condensed Matter, 2018, 531, 70-74.	2.7	8
39	Phase diagrams of the random nearest-neighbor mixed spin-1/2 and spin-3/2 Blumeâ€"Capel model. Modern Physics Letters B, 2018, 32, 1850325.	1.9	2
40	The magnetic phase diagrams of the ternary alloy ABpC1â�’p on the Bethe lattice. Modern Physics Letters B, 2018, 32, 1850177.	1.9	1
41	The quaternary alloy on the Bethe lattice. International Journal of Modern Physics B, 2018, 32, 1850226.	2.0	4
42	The random distribution of the coordination numbers in the mixed spin-1/2 and spin-2 Blume-Capel model. Chinese Journal of Physics, 2018, 56, 2291-2296.	3.9	6
43	The Amorphous Spin-1 Ising Model on the Bethe Lattice. Acta Physica Polonica A, 2018, 134, 1176-1179.	0.5	1
44	Equal Random Crystal Field of Mixed Spin-1 and Spin-3/2 System. Journal of Superconductivity and Novel Magnetism, 2017, 30, 3103-3108.	1.8	6
45	Magnetic phase diagrams of Feâ€"Mnâ€"Al alloy on the Bethe lattice. Chinese Physics B, 2017, 26, 020502.	1.4	2
46	Mixed Spin-2 and Spin-1/2 Anisotropic Heisenberg Model in the Oguchi Approximation. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2555-2561.	1.8	7
47	The bimodal random crystal field and biquadratic exchange interaction effects for the spin-3/2 Ising model on the Bethe lattice. Chinese Journal of Physics, 2017, 55, 2371-2383.	3.9	9
48	Bond Dilution Effects on Bethe Lattice the Spin-1 Blumeâ€"Capel Model. Communications in Theoretical Physics, 2017, 68, 361.	2.5	6
49	The â€˜Â±â€™ J model for the mixed-spin 1/2 and 5/2 system. Chinese Journal of Physics, 2017, 55, 1361-1368.	3.9	24
50	Anisotropic Heisenberg model for the mixed spin-2 and spin-1/2 in the Oguchi approximation on the simple cubic lattice. Physica A: Statistical Mechanics and Its Applications, 2017, 486, 161-167.	2.6	12
51	Square Ising Nanowire on the Bethe Lattice. Acta Physica Polonica A, 2017, 131, 1470-1473.	0.5	3
52	Â± J Blumeâ€"Capel model in the cluster variation method. Chinese Journal of Physics, 2016, 54, 978-982.	3.9	5
53	The <mml:math altimg="si0026.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd"	2.7	13
54	The Random J-Model with Biquadratic Interaction. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2535-2541.	1.8	7

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55	Core–shell structured triangular Ising nanowire on the Bethe lattice. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 458-464.	2.1	14
56	Core–shell structured square mixed-spin 1 and 1/2 Ising nanowire on the Bethe lattice. Journal of Magnetism and Magnetic Materials, 2016, 401, 532-538.	2.3	12
57	The Effects of the Random Transverse Crystal Field on the Spin-1 Model. Acta Physica Polonica A, 2015, 127, 818-822.	0.5	5
58	The phase diagrams of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0003.gif" overflow="scroll"><mml:mo>±</mml:mo><mml:mi>K</mml:mi></mml:math> model on the Bethe lattice. Journal of Magnetism and Magnetic Materials, 2015, 386, 20-24.	2.3	5
59	Random Blume–Emery–Griffiths model on the Bethe lattice. Physica B: Condensed Matter, 2015, 479, 107-111.	2.7	4
60	Phase diagrams of the spin-3/2 random transverse crystal field model. Physica Scripta, 2014, 89, 015805.	2.5	7
61	±J model on the Bethe lattice with crystal field interaction. Journal of Magnetism and Magnetic Materials, 2014, 355, 18-21.	2.3	13
62	Mixed spin-<mml:math altimg="si17.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	2.6	15
63	The mixed spin-1/2 and spin-1 Blume–Capel model with random crystal field on the Bethe lattice: Two approaches. Solid State Communications, 2013, 159, 76-78.	1.9	15
64	Bimodal random crystal field distribution effects on the ferrimagnetic mixed spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0008.gif" overflow="scroll"><mml:mfrac><mml:mrow><mml:mn>1</mml:mn></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></ and spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0009.gif" overflow="scroll"><mml:mfrac><mml:mrow><mml:mn>3</mml:mn></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></ Blume. Journal of Magnetism and Magnetic Materials, 2013, 329, 125-128.	2.3	19
65	Spin-1 Blume–Capel model with random crystal field effects. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 552-557.	2.6	11
66	Spin-1 Blume–Capel model with longitudinal random crystal and transverse magnetic fields: A mean-field approach. Chinese Physics B, 2013, 22, 077501.	1.4	9
67	Phase diagrams of spin-3/2 Ising model in the presence of random crystal field within the effective field theory based on two approximations. Chinese Physics B, 2013, 22, 100508.	1.4	9
68	THE ENTANGLED QUANTUM HEAT ENGINE IN THE VARIOUS HEISENBERG MODELS FOR A TWO-QUBIT SYSTEM. International Journal of Quantum Information, 2013, 11, 1350021.	1.1	13
69	THE QUANTUM REFRIGERATOR IN A TWO-QUBIT XXZ HEISENBERG MODEL. International Journal of Modern Physics B, 2013, 27, 1350055.	2.0	3
70	The mixed-spins 1/2 and 3/2 Blume–Capel model with a random crystal field. Chinese Physics B, 2012, 21, 067501.	1.4	13
71	THE COUPLED SPIN-1 BLUME-CAPEL SUBLATTICES WITH DIFFERENT BILINEAR INTERACTIONS. International Journal of Modern Physics B, 2012, 26, 1250042.	2.0	0
72	THE SPIN-1 BLUME–CAPEL MODEL WITH ALTERNATINGLY CHANGING BILINEAR EXCHANGE INTERACTIONS BETWEEN SUBLATTICES. International Journal of Modern Physics B, 2012, 26, 1250031.	2.0	4

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73	The crystal field effects on sound attenuation for a spin-1 Ising model on the Bethe lattice. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P07004.	2.3	1
74	Critical properties of mixed spin-1 and spin-5/2 with equal and unequal crystal fields. Chinese Physics B, 2012, 21, 020511.	1.4	11
75	The Bethe lattice treatment of sound attenuation for a spin- 3/2 Ising model. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2948-2956.	2.6	5
76	Trilayer Bethe lattices in the form of spin-(1/2,3/2,1/2). Physica B: Condensed Matter, 2012, 407, 2642-2649.	2.7	4
77	The mixed-spin ternary-alloy consisting of half-integer spins. Journal of Magnetism and Magnetic Materials, 2012, 324, 1809-1813.	2.3	13
78	Thermal Entanglement in a Two-Qutrit Spin-1 Anisotropic Heisenberg Model. Chinese Physics Letters, 2011, 28, 020306.	3.3	3
79	The Sound Attenuation for the Spin-1 Ising Model on the Bethe Lattice. Journal of the Physical Society of Japan, 2011, 80, 054004.	1.6	5
80	Random crystal field effects for spin-3/2 Blume–Capel model. Journal of Magnetism and Magnetic Materials, 2011, 323, 2846-2850.	2.3	9
81	Dynamic phase transitions in the kinetic spin-1 Blume–Capel model on the Bethe lattice. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 3283-3289.	2.6	22
82	The mixed–spin ferro–ferrimagnetic ternary alloy. Physica Status Solidi (B): Basic Research, 2011, 248, 2945-2949.	1.5	2
83	The mixed-spin ternary-alloy in the form of ABpC1ˆp on the Bethe lattice. Journal of Magnetism and Magnetic Materials, 2011, 323, 992-996.	2.3	23
84	Thermal entanglement in the XYZ model for a two-qutrit system. Optics Communications, 2011, 284, 1631-1636.	2.1	4
85	The spin-1 Blume–Capel model with random crystal field on the Bethe lattice. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 1529-1533.	2.6	30
86	The temperature-dependent phase diagrams of the spin-3/2 Ising model on a FM/AFM two-layer lattice with a crystal field. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 2522-2532.	2.6	6
87	The spin- sandwiched trilayer Bethe lattices. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 5677-5688.	2.6	3
88	Sandwiched trilayer of Bethe lattices in the form of spin-(1/2,1,1/2). Journal of Magnetism and Magnetic Materials, 2010, 322, 3281-3289.	2.3	4
89	Thermal entanglement in two-qutrit spin-1 anisotropic Heisenberg model with inhomogeneous magnetic field. Chinese Physics B, 2010, 19, 090319.	1.4	10
90	THE GROUND-STATE PHASE DIAGRAMS OF SPIN-3/2 ISING MODEL ON A FM/AFM TWO-LAYER LATTICE WITH CRYSTAL FIELD. Modern Physics Letters B, 2010, 24, 2335-2343.	1.9	1

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91	Dynamic phase transitions in the kinetic Ising model on the Bethe lattice. Physical Review E, 2010, 82, 022104.	2.1	18
92	The hysteresis loops of FM/AFM two-layer Bethe lattice. Phase Transitions, 2009, 82, 541-550.	1.3	2
93	Spin-3/2 Ising model AFM/AFM two-layer lattice with crystal field. Chinese Physics B, 2009, 18, 4193-4207.	1.4	5
94	The FM/AFM bilayer Bethe lattice with FM or AFM interlayer interactions. Physica Status Solidi (B): Basic Research, 2009, 246, 226-236.	1.5	5
95	The spin–3/2 Ising model on a two–layer Bethe lattice with AFM/AFM interactions. Physica Status Solidi (B): Basic Research, 2009, 246, 2172-2181.	1.5	4
96	The spin-1 Ising model on a two-layer Bethe lattice with FM/AFM interactions. Journal of Magnetism and Magnetic Materials, 2009, 321, 108-116.	2.3	4
97	The statistical mechanics of spin-1 Ising model with AFM/AFM interactions on a bilayer Bethe lattice. Journal of Magnetism and Magnetic Materials, 2009, 321, 3726-3733.	2.3	9
98	Thermal entanglement in the anisotropic Heisenberg model with Dzyaloshinskii-Moriya interaction in an inhomogeneous magnetic field. European Physical Journal B, 2009, 72, 491-496.	1.5	23
99	The Phase Diagrams of Spin-1/2 Ising Model on a Two-Layer Bethe Lattice with AFM/AFM Interactions. Acta Physica Polonica A, 2009, 116, 127-134.	0.5	6
100	The Crystal Field Effects on Spin-1 Ising model with FM/AFM interactions on a two-layer Bethe lattice. Journal of the Korean Physical Society, 2009, 55, 1363-1371.	0.7	1
101	Critical and Compensation Temperatures of the Ising Bilayer System Consisting of Spin-1/2 and Spin-1 Atoms. Journal of Statistical Physics, 2008, 130, 829-830.	1.2	0
102	Mixed spin-2 and spin- Blume–Capel model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 361-366.	2.1	17
103	The antiferromagnetic Ising model for a bilayer Bethe lattice. Journal of Magnetism and Magnetic Materials, 2008, 320, 2241-2248.	2.3	11
104	Spin- and spin-1 Ising model with crystal field on a bilayer Bethe lattice. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 1173-1184.	2.6	11
105	THE CRYSTAL FIELD EFFECTS ON THE PHASE DIAGRAMS OF THE SPIN-2 BILAYER BETHE LATTICE. International Journal of Modern Physics B, 2008, 22, 4877-4898.	2.0	5
106	SPIN-2 ISING MODEL ON THE BILAYER BETHE LATTICE. International Journal of Modern Physics B, 2008, 22, 4189-4203.	2.0	6
107	The spin-1 and spin-3/2 model on a bilayer Bethe lattice with crystal field. Journal of Physics Condensed Matter, 2007, 19, 376212.	1.8	12
108	The crystal field effects for the Ising bilayer system consisting of spin-3/2 and spin-1/2. Physica Scripta, 2007, 76, 354-362.	2.5	11

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109	Crystal field effect on a bilayer Bethe lattice. Physical Review E, 2007, 75, 011116.	2.1	29
110	The exact phase diagrams of spin-1 Ising model on a two-layer Bethe lattice. Physica A: Statistical Mechanics and Its Applications, 2007, 373, 363-375.	2.6	24
111	The critical and compensation temperatures for the mixed spin- and spin-2 Ising model. Physica B: Condensed Matter, 2007, 391, 47-53.	2.7	27
112	Mixed spin-2 and spin- Blume–Emery–Griffiths model. Physica A: Statistical Mechanics and Its Applications, 2007, 375, 174-184.	2.6	33
113	The spin- bilayer Bethe lattice with crystal field. Physica A: Statistical Mechanics and Its Applications, 2007, 381, 189-201.	2.6	7
114	The Bethe lattice treatment of an Ising bilayer model consisting of spin-1 and spin-. Physica B: Condensed Matter, 2007, 400, 124-133.	2.7	7
115	A Bethe lattice study of the mixed spin-2 and spin- Ising model. Journal of Magnetism and Magnetic Materials, 2007, 309, 87-95.	2.3	11
116	A study of the bilayer Bethe lattice for spin- Ising model. Journal of Magnetism and Magnetic Materials, 2007, 310, 98-106.	2.3	22
117	The phase diagrams of the mixed spin-3/2 and spin-5/2 Ising system on the Bethe lattice. Physica Status Solidi (B): Basic Research, 2007, 244, 748-758.	1.5	14
118	The Ising model on a trilayer Bethe lattice. Physica Status Solidi (B): Basic Research, 2007, 244, 759-774.	1.5	10
119	An Ising bilayer system consisting of spin- and spin- atoms. Journal of Magnetism and Magnetic Materials, 2007, 316, 81-89.	2.3	9
120	Critical and Compensation Temperatures of the Ising Bilayer System Consisting of Spin-1/2 and Spin-1 Atoms. Journal of Statistical Physics, 2007, 127, 967-983.	1.2	7
121	Mixed spin-3/2 and spin-5/2 Ising system on the Bethe lattice. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 353, 121-129.	2.1	51
122	The spin-2 antiferromagnet on the Bethe lattice. European Physical Journal B, 2006, 52, 521-529.	1.5	9
123	Multicritical behaviors of the antiferromagnetic Blume–Emery–Griffiths model with the external magnetic field on the Bethe lattice. Journal of Magnetism and Magnetic Materials, 2006, 303, 185-190.	2.3	10
124	The critical behavior of the mixed spin-1 and spin-2 Ising ferromagnetic system on the Bethe lattice. Physica A: Statistical Mechanics and Its Applications, 2005, 349, 471-486.	2.6	42
125	Pair-approximation method for the quantum transverse spin-2 Ising model with a trimodal-random field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 340, 18-30.	2.1	13
126	Mixed and Blume–Capel Ising ferrimagnetic system on the Bethe lattice. Physica A: Statistical Mechanics and Its Applications, 2005, 345, 48-60.	2.6	38

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127	The quantum transverse spin-2 Ising model with a bimodal random-field in the pair approximation. Journal of Magnetism and Magnetic Materials, 2005, 294, 63-71.	2.3	26
128	The critical behaviors and the phase diagram of the mixed spin-1/2 and spin-2 Ising system on the Bethe lattice. Physica Status Solidi (B): Basic Research, 2005, 242, 1510-1521.	1.5	31
129	EXACT CALCULATION OF THE MAGNETIC SUSCEPTIBILITY AND THE SPECIFIC HEAT OF THE MIXED SPIN-Â½ AND SPIN-1 SYSTEM ON THE BETHE LATTICE. International Journal of Modern Physics B, 2004, 18, 3959-3973.	2.0	6
130	Trimodal random-field spin- Ising systems in a transverse field. Journal of Magnetism and Magnetic Materials, 2004, 270, 333-344.	2.3	10
131	Mixed spin- and spin-1 Blume-Capel Ising ferrimagnetic system on the Bethe lattice. Journal of Magnetism and Magnetic Materials, 2003, 261, 196-203.	2.3	87
132	Multicritical phase diagrams of the spin- Blume–Emery–Griffiths model on the Bethe lattice using the recursion method. Journal of Magnetism and Magnetic Materials, 2003, 256, 311-321.	2.3	24
133	Phase diagrams and the thermal variations of the order-parameters in the mixed spin-1 and spin- ising model on the Bethe lattice. Physica Status Solidi (B): Basic Research, 2003, 239, 411-425.	1.5	14
134	MIXED SPIN-1 AND SPIN-$rac{3}{2}$ BLUME–CAPEL ISING FERRIMAGNETIC SYSTEM ON THE BETHE LATTICE. International Journal of Modern Physics B, 2003, 17, 1087-1100.	2.0	31
135	Coarse Grid Finite Difference Solution of Maxwell's Equations for a Model of an Avalanche Photodischarge Device. Physica Scripta, 2002, 66, 273-279.	2.5	0
136	Phase diagrams of the quantum transverse spin-32Ising system with bimodal random field. Physical Review B, 2002, 65, .	3.2	14
137	Phase diagrams of the spin- Blume–Emery–Griffiths model on the Bethe lattice using the recursion method. Journal of Magnetism and Magnetic Materials, 2002, 241, 249-259.	2.3	38
138	Statistical mechanics of the spin-3/2 Blume–Capel model on the Bethe lattice using the recursion method. Physica A: Statistical Mechanics and Its Applications, 2002, 304, 443-460.	2.6	27
139	An exact formulation of the Blume-Emery-Griffiths model on a two-fold Cayley tree model. European Physical Journal B, 2001, 24, 505-510.	1.5	9
140	The spin-3/2 Blume–Capel model on the Bethe lattice using the recursion method. Journal of Magnetism and Magnetic Materials, 2000, 218, 121-127.	2.3	34
141	Phase diagram of the Blume-Emery-Griffiths model on the simple cubic lattice calculated by the linear chain approximation. Journal of Magnetism and Magnetic Materials, 2000, 213, 201-212.	2.3	21
142	Phase diagrams of the Blume–Emery–Griffiths model calculated by the mean-field approximation including the transverse fields effects. Journal of Magnetism and Magnetic Materials, 1999, 206, 83-92.	2.3	28
143	Magnetic properties and phase diagrams of the mixed spin-(1 2, 3 2) Ising–Heisenberg model in the mean field approximation. Modern Physics Letters B, 0, , 2150486.	1.9	1
144	The Critical Properties of the Quaternary Alloy with Mixed Spin-(1, 1/2, 3/2, 5/2): Mean Field Calculations. Journal of Superconductivity and Novel Magnetism, 0, , 1.	1.8	1

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145	The numerical investigation of ferro–ferrimagnetic half-integer mixed spin ternary alloy: Monte-Carlo approach. Journal of the Korean Physical Society, 0, , .	0.7	0