Bayram Deviren

List of Publications by Year
in descending order

44 papers	1,477 citations	201674 27 h-index	315739 38 g-index
44 all docs	44 docs citations	44 times ranked	343 citing authors

#	Article	IF	Citations
1	Nonequilibrium magnetic properties of the mixed spin (1/2, 1) Ising nanowire with core-shell structure. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 120, 114052.	2.7	17
2	Hierarchical structure of countries based on carbon dioxide emission over the periods of 1971–2012; the relationships economic growth and energy consumption. Chinese Journal of Physics, 2019, 60, 12-21.	3.9	3
3	Dynamic phase transitions and dynamic phase diagrams of the Ising model on the Shastry-Sutherland lattice. Journal of Magnetism and Magnetic Materials, 2016, 402, 94-100.	2.3	9
4	The relationship between carbon dioxide emission and economic growth: Hierarchical structure methods. Physica A: Statistical Mechanics and Its Applications, 2016, 451, 429-439.	2.6	32
5	Hierarchical structure of the countries based on electricity consumption and economic growth. Physica A: Statistical Mechanics and Its Applications, 2016, 454, 1-10.	2.6	16
6	Magnetic properties of mixed spin (1, 3/2) Ising nanoparticles with core–shell structure. Journal of Magnetism and Magnetic Materials, 2015, 386, 12-19.	2.3	41
7	Hierarchical structure of the European countries based on debts as a percentage of GDP during the 2000–2011 period. Physica A: Statistical Mechanics and Its Applications, 2014, 414, 95-107.	2.6	15
8	Dynamic magnetic properties of the kinetic cylindrical Ising nanotube. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 3969-3983.	2.6	41
9	Magnetic properties of mixed Ising nanoparticles with core-shell structure. European Physical Journal B, 2013, 86, 1.	1.5	65
10	Correlations, hierarchies and networks of the world's automotive companies. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 2736-2774.	2.6	7
11	Dynamic magnetizations and dynamic phase transitions in a transverse cylindrical Ising nanowire. Physica Scripta, 2012, 85, 055001.	2.5	44
12	Nonequilibrium magnetic properties in a two-dimensional kinetic mixed Ising system within the effective-field theory and Glauber-type stochastic dynamics approach. Physical Review E, 2012, 86, 051110.	2.1	51
13	Complexity of major UK companies between 2006 and 2010: Hierarchical structure method approach. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 5121-5131.	2.6	31
14	Hierarchical structures of correlations networks among Turkey's exports and imports by currencies. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 6509-6518.	2.6	5
15	Multicritical Dynamic Phase Diagrams and Dynamic Hysteresis Loops in a Mixed Spin-2 and Spin-5/2 Ising Ferrimagnetic System with Repulsive Biquadratic Coupling: Glauber Dynamic Approach. Journal of Statistical Physics, 2012, 146, 1244-1262.	1.2	39
16	Dynamic magnetic properties in the kinetic mixed spin-2 and spin-5/2 Ising model under a time-dependent magnetic field. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 1038-1047.	2.6	51
17	Analysis of the effects of the global financial crisis on the Turkish economy, using hierarchical methods. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2342-2352.	2.6	42
18	Thermal behavior of dynamic magnetizations, hysteresis loop areas and correlations of a cylindrical Ising nanotube in an oscillating magnetic field within the effective-field theory and the Glauber-type stochastic dynamics approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1011-1019.	2.1	52

#	Article	IF	Citations
19	Dynamic phase transitions and dynamic phase diagrams of the spin-2 Blume–Capel model under an oscillating magnetic field within the effective-field theory. Journal of Magnetism and Magnetic Materials, 2012, 324, 704-710.	2.3	27
20	Dynamic magnetic hysteresis behavior and dynamic phase transition in the spin-1 Blume–Capel model. Journal of Magnetism and Magnetic Materials, 2012, 324, 1051-1058.	2.3	32
21	Dynamic phase transitions and dynamic phase diagrams in the kinetic spin-5/2 Blume–Capel model in an oscillating external magnetic field: Effective-field theory and the Glauber-type stochastic dynamics approach. Journal of Magnetism and Magnetic Materials, 2012, 324, 1503-1511.	2.3	31
22	Dynamic phase transitions in a cylindrical Ising nanowire under a time-dependent oscillating magnetic field. Journal of Magnetism and Magnetic Materials, 2012, 324, 2163-2170.	2.3	59
23	Phase diagrams in mixed spin-3/2 and spin-2 Ising system with two alternative layers within the effective-field theory. Chinese Physics B, 2011, 20, 060507.	1.4	20
24	Hierarchical structure of Turkey's foreign trade. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 3454-3476.	2.6	30
25	Topology of the correlation networks among major currencies using hierarchical structure methods. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 719-730.	2.6	84
26	Mixed spin-1 and spin-3/2 Ising system with two alternative layers of a honeycomb lattice within the effective-field theory. Solid State Communications, 2011, 151, 193-198.	1.9	33
27	Hysteresis behaviors in a cylindrical Ising nanowire. Solid State Communications, 2011, 151, 1025-1030.	1.9	122
28	Dynamic Phase Transitions and Compensation Temperatures in a Mixed Spin-3/2 and Spin-5/2 Ising System. Journal of Statistical Physics, 2010, 140, 934-947.	1.2	55
29	Dynamic phase diagrams of the Ising metamagnet in an oscillating magnetic field within the effective-field theory. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3119-3128.	2.1	28
30	The effective-field theory studies of critical phenomena in a mixed spin-1 and spin-2 Ising model on honeycomb and square lattices. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 2036-2047.	2.6	37
31	Dynamic Phase Transitions In The Spin-2 Ising System Under An Oscillating Magnetic Field Within The Effective-Field Theory. , 2010, , .		1
32	Kinetic Ising model in a time-dependent oscillating external magnetic field: effective-field theory. Chinese Physics B, 2010, 19, 050518.	1.4	33
33	Dynamic phase transitions in the kinetic mixed spin-1/2 and spin-5/2 Ising model under a time-dependent oscillating magnetic field. Phase Transitions, 2010, 83, 526-542.	1.3	6
34	The effective-field study of a mixed spin-1 and spin-5/2 Ising ferrimagnetic system. Physica Scripta, 2009, 79, 065006.	2.5	33
35	Magnetic properties of an anti-ferromagnetic and ferrimagnetic mixed spin-1/2 and spin-5/2 Ising model in the longitudinal magnetic field within the effective-field approximation. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 1835-1848.	2.6	47
36	Kinetics of a mixed spin-1/2 and spin-3/2 Ising ferrimagnetic model. Journal of Magnetism and Magnetic Materials, 2009, 321, 458-466.	2.3	56

#	Article	IF	Citations
37	Magnetic properties of the mixed ferrimagnetic ternary system with a single-ion anisotropy on the Bethe lattice. Journal of Magnetism and Magnetic Materials, 2009, 321, 1231-1239.	2.3	26
38	Dynamic phase transition and dynamic phase diagrams in the spin-5/2 Blumeâ€"Capel model under a time-dependent oscillating external field. Phase Transitions, 2009, 82, 683-698.	1.3	10
39	Dynamic phase transition and multicritical dynamic phase diagrams of the kinetic spin-3/2 Blumeâ€"Emeryâ€"Griffiths model with repulsive biquadratic coupling under a time-dependent oscillating external field. Computer Physics Communications, 2008, 178, 420-437.	7.5	17
40	Effective-field theory of the Ising model with three alternative layers on the honeycomb and square lattices. Journal of Magnetism and Magnetic Materials, 2008, 320, 2291-2299.	2.3	18
41	Exact ground-state phase diagrams for the spin-3/2 Blumeâ€"Emeryâ€"Griffiths model. Physica Scripta, 2008, 77, 055701.	2.5	7
42	Dynamic phase transition in the kinetic spin- Blumeâ€"Capel model: Phase diagrams in the temperature and crystal-field interaction plane. Journal of Magnetism and Magnetic Materials, 2007, 313, L1-L5.	2.3	12
43	Dynamic phase transition in the kinetic spin-3â°•2Blume-Capel model under a time-dependent oscillating external field. Physical Review E, 2006, 74, 011110.	2.1	59
44	Dynamic phase transition in the kinetic spin-3/2 Blumeâ€"Emeryâ€"Griffiths model in an oscillating field. Journal of Physics Condensed Matter, 2006, 18, 6635-6653.	1.8	33