

Yusuf Yuksel

List of Publications by Year in descending order

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52
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic phase transition in classical Ising models. Journal Physics D: Applied Physics, 2022, 55, 073002.	2.8	7
2	Metamagnetic anomalies in the kinetic Blume-Capel model with arbitrary spin. Physica A: Statistical Mechanics and Its Applications, 2022, 603, 127867.	2.6	3
3	Magnetocaloric properties of the spin-S ($S \in \mathbb{N}$) Ising model driven by a time dependent oscillating magnetic field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 388, 127079.	2.1	9
4	Magnetocaloric properties of FM/AFM core/shell nanoparticles: a Monte Carlo simulation study. European Physical Journal B, 2021, 94, 1.	1.5	2
5	Columnar antiferromagnetic order of a MBene monolayer. Physical Review B, 2021, 103, .	3.2	10
6	Dynamic phase transition properties and metamagnetic anomalies of kinetic Ising model in the presence of additive white noise. Physica A: Statistical Mechanics and Its Applications, 2021, 580, 126172.	2.6	3
7	Magnetization of silicene via coverage with gadolinium: Effects of thickness, symmetry, strain, and coverage. Physical Review B, 2021, 104, .	3.2	5
8	Dynamic phase transition and universality in a quasi 2D system: Bilayer Ising/Blume-Capel ferromagnet on a honeycomb lattice. Journal of Magnetism and Magnetic Materials, 2020, 513, 167249.	2.3	8
9	Effects of the particle size and shape of the magnetic nanoparticles on the magnetic hyperthermia and exchange bias properties. Physica B: Condensed Matter, 2019, 575, 411689.	2.7	17
10	A new single-layer structure of MBene family: Ti_2B . Journal of Physics Condensed Matter, 2019, 31, 505401.	1.8	27
11	A simulation approach for the finite-temperature magnetic properties, stochastic dynamics and heating properties of magnetic nanoparticles composed of FM core/AFM shell. International Journal of Modern Physics B, 2019, 33, 1950269.	2.0	2
12	Strain effects on electronic and magnetic properties of the monolayer $\sqrt{3} \times \sqrt{3}$ -RuCl ₃ : A first-principles and Monte Carlo study. Journal of Applied Physics, 2019, 125, .	2.5	32
13	Exploring the electronic and magnetic properties of new metal halides from bulk to two-dimensional monolayer: RuX_3 ($X = Br, I$). Journal of Magnetism and Magnetic Materials, 2019, 476, 111-119.	2.3	48
14	Exchange bias mechanism in FM/FM/AF spin valve systems in the presence of random unidirectional anisotropy field at the AF interface: The role played by the interface roughness due to randomness. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1298-1304.	2.1	5
15	Monte Carlo simulation of exchange bias in spin valve systems. Physica B: Condensed Matter, 2018, 549, 24-30.	2.7	2
16	A comparative study of critical phenomena and magnetocaloric properties of ferromagnetic ternary alloys. Journal of Physics and Chemistry of Solids, 2018, 112, 143-152.	4.0	30
17	Multiple hysteresis behaviors in spin models: Effect of anisotropy in the exchange interaction. Physica B: Condensed Matter, 2018, 549, 1-5.	2.7	0
18	Influence of modified surface effects on the magnetocaloric properties of ferromagnetic thin films. Thin Solid Films, 2018, 646, 67-74.	1.8	16

#	ARTICLE	IF	CITATIONS
19	Electronic and magnetic properties of monolayer RuCl_3 : a first-principles and Monte Carlo study. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 997-1004.	2.8	57
20	Magnetocaloric properties of the spin- S Ising model on a honeycomb lattice. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 3238-3243.	2.1	14
21	Monte Carlo simulation of equilibrium and dynamic phase transition properties of an Ising bilayer. <i>European Physical Journal B</i> , 2018, 91, 1.	1.5	8
22	Magnetic anisotropy and interface exchange coupling dependence of exchange bias in core/shell doubly inverted magnetic nanoparticles. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 365301.	2.8	4
23	Non equilibrium magnetocaloric properties of Ising model defined on regular lattices with arbitrary coordination number. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 479, 563-571.	2.6	15
24	Shell thickness and dynamic magnetic field effects on the critical phenomena of magnetic core-shell nanoparticles with spherical geometry. <i>Physica B: Condensed Matter</i> , 2017, 508, 62-68.	2.7	7
25	Nonmagnetic impurities and roughness effects on the finite temperature magnetic properties of core-shell spherical nanoparticles with antiferromagnetic interface coupling. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 441, 548-556.	2.3	11
26	Dynamic phenomena in magnetic ternary alloys. <i>Journal of Alloys and Compounds</i> , 2016, 689, 446-450.	5.5	17
27	Influence of time dependent longitudinal magnetic fields on the cooling process, exchange bias and magnetization reversal mechanism in FM core/AFM shell nanoparticles: a Monte Carlo study. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 486003.	1.8	9
28	Thickness dependent Curie temperature and power-law behavior of layering transitions in ferromagnetic classical and quantum thin films described by Ising, XY and Heisenberg models. <i>Physica B: Condensed Matter</i> , 2015, 462, 54-58.	2.7	13
29	Monte Carlo simulation of Prussian blue analogs described by Heisenberg ternary alloy model. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 86, 207-214.	4.0	17
30	Monte Carlo study of magnetization dynamics in uniaxial ferromagnetic nanowires in the presence of oscillating and biased magnetic fields. <i>Physical Review E</i> , 2015, 91, 032149.	2.1	20
31	Dynamic phase transition phenomena and magnetization reversal process in uniaxial ferromagnetic nanowires. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 389, 34-39.	2.3	14
32	Critical behavior and universality properties of uniaxial ferromagnetic thin films in the presence of random magnetic fields. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 385, 47-54.	2.3	4
33	An effective field theory study of layering transitions in Blume-Capel thin films in the presence of quenched random crystal fields. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 396, 9-18.	2.6	11
34	Universality aspects of layering transitions in ferromagnetic Blume-Capel thin films. <i>Physica B: Condensed Matter</i> , 2014, 433, 96-101.	2.7	13
35	Order parameters and hysteresis behavior of a ferromagnetic Blume-Capel thin film: The role of the crystal field interactions. <i>Physica B: Condensed Matter</i> , 2014, 436, 1-9.	2.7	4
36	Monte Carlo simulations of dynamic phase transitions in ultrathin Blume-Capel films. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 2494-2504.	2.1	19

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37	Investigation of critical phenomena and magnetism in amorphous Ising nanowire in the presence of transverse fields. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 2347-2358.	2.6	20
38	Investigation of oscillation frequency and disorder induced dynamic phase transitions in a quenched-bond diluted Ising ferromagnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 329, 14-23.	2.3	19
39	Investigation of bond dilution effects on the magnetic properties of a cylindrical Ising nanowire. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 196-206.	1.5	35
40	Nonequilibrium phase transitions and stationary-state solutions of a three-dimensional random-field Ising model under a time-dependent periodic external field. <i>Physical Review E</i> , 2012, 85, 051123.	2.1	33
41	Effective field investigation of dynamic phase transitions for site diluted Ising ferromagnets driven by a periodically oscillating magnetic field. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 5810-5817.	2.6	29
42	Dynamic phase transition properties and hysteretic behavior of a ferrimagnetic core-shell nanoparticle in the presence of a time dependent magnetic field. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 436004.	1.8	48
43	Stationary State Solutions of a Bond Diluted Kinetic Ising Model: An Effective-Field Theory Analysis. <i>Journal of Statistical Physics</i> , 2012, 147, 1068-1076.	1.2	14
44	Random field effects on the phase diagrams of spin-1/2 Ising model on a honeycomb lattice. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 415-422.	2.6	7
45	Critical behavior and phase diagrams of a spin-1 Blume-Capel model with random crystal field interactions: An effective field theory analysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 2819-2832.	2.6	29
46	Thermal and magnetic properties of a ferrimagnetic nanoparticle with spin-3/2 core and spin-1 shell structure. <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 3168-3175.	2.3	98
47	Effects of the bond dilution on the phase diagrams of a spin-1 transverse Ising model with crystal field interaction on a honeycomb lattice. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 541-552.	2.6	11
48	Effective-field-theory analysis of the three-dimensional random-field Ising model on isometric lattices. <i>Physical Review E</i> , 2011, 83, 061103.	2.1	24
49	An introduced effective-field theory study of spin-1 transverse Ising model with crystal field anisotropy in a longitudinal magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 3907-3916.	2.3	21
50	Dependence on dilution of critical and compensation temperatures of a two-dimensional mixed spin-1/2 and spin-1 system. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3193-3197.	2.3	12
51	An introduced effective-field approximation and Monte Carlo study of a spin-1 Blume-Capel model on a square lattice. <i>Physica Scripta</i> , 2009, 79, 045009.	2.5	22
52	Formation and annihilation of magnetic skyrmions on a square lattice Heisenberg Ferromagnet: the role played by the pure and random anisotropy configurations. <i>Philosophical Magazine</i> , 0, , 1-19.	1.6	1