Ahmet Erdinç

List of Publications by Year
in descending order

16	326	1163117	996975
papers	citations	8	15
		h-index	g-index

16	16	16	107
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Some characteristic behavior of spin-1 Ising nanotube. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3547-3551.	2.1	63
2	Some characteristic behavior of mixed spin-1/2 and spin-1 Ising nano-tube. Journal of Magnetism and Magnetic Materials, 2012, 324, 508-513.	2.3	61
3	Hysteresis behavior of Blume–Capel model on a cylindrical Ising nanotube. Solid State Communications, 2014, 183, 35-40.	1.9	44
4	The photoionization cross section of a hydrogenic impurity in a multi-layered spherical quantum dot. Journal of Applied Physics, 2012, 111, .	2.5	34
5	Thermal and magnetic properties of a nanotube with spin- 1/2 core and spin- 3/2 shell structure. Physica A: Statistical Mechanics and Its Applications, 2014, 407, 287-294.	2.6	30
6	Multicritical phase diagrams of the Blume–Emery–Griffiths model with repulsive biquadratic coupling including metastable phases: the pair approximation and the path probability method with pair distribution. Journal of Magnetism and Magnetic Materials, 2004, 283, 392-408.	2.3	29
7	Equilibrium and nonequilibrium behavior of the spin-1 Ising model in the quadrupolar phase. Physica A: Statistical Mechanics and Its Applications, 2002, 307, 453-468.	2.6	16
8	Multicritical phase diagrams of the antiferromagnetic spin-3/2 Blume–Capel model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 353, 116-120.	2.1	16
9	EQUILIBRIUM AND NONEQUILIBRIUM BEHAVIOR OF THE BLUME–EMERY–GRIFFITHS MODEL USING THE PAIR APPROXIMATION AND PATH PROBABILITY METHOD WITH THE PAIR DISTRIBUTION. International Journal of Modern Physics B, 2004, 18, 1603-1626.	2.0	8
10	Multicritical behavior of the antiferromagnetic Blume–Emery–Griffiths model with the repulsive biquadratic coupling in an external magnetic field. Journal of Magnetism and Magnetic Materials, 2006, 301, 6-12.	2.3	8
11	Quadrupolar ordering and metastable phase diagram in a ferroquadrupolar phase. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 320, 28-34.	2.1	5
12	THE METASTABLE PHASE DIAGRAM OF THE BLUME–EMERY–GRIFFITHS MODEL IN ADDITION TO THE EQUILIBRIUM PHASE DIAGRAM USING THE PAIR APPROXIMATION. International Journal of Modern Physics B, 2005, 19, 1741-1755.	2.0	4
13	THE GROUND-STATE PHASE DIAGRAMS OF THE SPIN-2 ISING MODEL. International Journal of Modern Physics B, 2007, 21, 5265-5274.	2.0	4
14	APPLICATION OF THE GENETIC ALGORITHM TO BLUME–EMERY–GRIFFITHS MODEL: TEST CASES. International Journal of Modern Physics B, 2005, 19, 4229-4237.	2.0	3
15	Critical Behaviour of the Ferromagnetic Spin-3/2 – Blume-Emery-Griffiths Model with Repulsive Biquadratic Coupling. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2007, 62, 127-139.	1.5	1
16	THE COUPLED SPIN-1 BLUME-CAPEL SUBLATTICES WITH DIFFERENT BILINEAR INTERACTIONS. International Journal of Modern Physics B, 2012, 26, 1250042.	2.0	0