

Changhai Wang

List of Publications by Year in descending order

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13
papers

302
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Heusler compounds as ternary intermetallic nanoparticles: Co ₂ FeGa. Journal Physics D: Applied Physics, 2009, 42, 084018.	2.8	46
2	Heusler nanoparticles for spintronics and ferromagnetic shape memory alloys. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2014, 32, .	1.2	45
3	Synthesis and Three-Dimensional Magnetic Field Mapping of Co ₂ FeGa Heusler Nanowires at 5 nm Resolution. Nano Letters, 2016, 16, 114-120.	9.1	39
4	Probing the Size Effect of Co ₂ FeGa-SiO ₂ @C Nanocomposite Particles Prepared by a Chemical Approach. Chemistry of Materials, 2010, 22, 6575-6582.	6.7	27
5	X-ray synthesis of nickel-gold composite nanoparticles. Materials Chemistry and Physics, 2006, 100, 292-295.	4.0	24
6	Resolving the phase structure of nonstoichiometric Co ₂ FeGa Heusler nanoparticles. Journal of Applied Physics, 2012, 112, .	2.5	22
7	Structural and magnetic properties of Fe ₂ CoGa Heusler nanoparticles. Journal Physics D: Applied Physics, 2012, 45, 295001.	2.8	20
8	Pressure-restored superconductivity in Cu-substituted FeSe. Physical Review B, 2011, 84, .	3.2	19
9	Chemical Synthesis and Characterization of ⁵⁷ Fe-Co ₂ NiGa Nanoparticles with a Very High Curie Temperature. Chemistry of Materials, 2015, 27, 6994-7002.	6.7	19
10	Size-dependent structural and magnetic properties of chemically synthesized Co-Ni-Ga nanoparticles. Nano Research, 2017, 10, 3421-3433.	10.4	19
11	Structural and Optical Properties of Sol-Gel-Derived Au/BaTiO ₃ Nanocomposite Thin Films. Journal of the American Ceramic Society, 2005, 88, 758-767.	3.8	11
12	Tunable structural and magnetic properties of chemically synthesized dual-phase Co ₂ NiGa nanoparticles. Journal of Materials Chemistry C, 2016, 4, 7241-7252.	5.5	9
13	Heusler Compounds Go Nano. Springer Series in Materials Science, 2016, , 111-132.	0.6	2