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List of Publications by Year
in descending order

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21 papers	325 citations	759233 12 h-index	839539 18 g-index
21 all docs	21 docs citations	21 times ranked	505 citing authors

#	Article	IF	Citations
1	Magnetic Colloidal Particles in Combinatorial Thin-Film Gradients for Magnetic Resonance Imaging and Hyperthermia. Advances in Polymer Technology, 2020, 2020, 1-18.	1.7	8
2	Size-dependent magnetic and magnetothermal properties of gadolinium silicide nanoparticles. RSC Advances, 2020, 10, 28383-28389.	3.6	10
3	Encapsulation of doxorubicin in magneticâ€polymer hybrid colloidal particles of Eudragit E100 and their hyperthermia and drug release studies. Polymers for Advanced Technologies, 2020, 31, 1732-1743.	3.2	16
4	Magnetic and hyperthermia properties of Ni1â^'xCux nanoparticles coated with oleic acid and silica prepared via solâ€“gel method. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	4
5	Reversible electric-field-driven magnetization in a columnar nanocomposite film. Thin Solid Films, 2019, 685, 47-52.	1.8	0
6	Magnetic and magnetothermal studies of pure and doped gadolinium silicide nanoparticles for self-controlled hyperthermia applications. Journal of Magnetism and Magnetic Materials, 2018, 449, 137-144.	2.3	15
7	Magnetic and magnetothermal studies of iron boride (FeB) nanoparticles. Journal of Magnetism and Magnetic Materials, 2018, 451, 407-413.	2.3	26
8	Effects of configurational anisotropy on exchange bias and coercivity in Co-Cr2O3 nanodots. Journal of Magnetism and Magnetic Materials, 2018, 468, 1-7.	2.3	0
9	Giant room temperature magnetoelectric response in strain controlled nanocomposites. Applied Physics Letters, 2017, 110, 202902.	3.3	19
10	MgFe2O4/ZrO2 composite nanoparticles for hyperthermia applications. Journal of Magnetism and Magnetic Materials, 2017, 428, 333-339.	2.3	14
11	Optimizing magnetic anisotropy of La1â^'Sr MnO3 nanoparticles for hyperthermia applications. Journal of Magnetism and Magnetic Materials, 2016, 420, 232-240.	2.3	18
12	Aminodextran polymer-functionalized reactive magnetic emulsions for potential theranostic applications. Colloids and Surfaces B: Biointerfaces, 2016, 145, 373-381.	5.0	11
13	Study of Magnetothermal Properties of Strontium Doped Lanthanum Manganite Nanoparticles for Hyperthermia Applications. IEEE Transactions on Magnetics, 2013, 49, 3504-3507.	2.1	17
14	Study of specific absorption rate of strontium doped lanthanum manganite nanoparticles for self-controlled hyperthermia applications. Journal of Magnetism and Magnetic Materials, 2013, 347, 39-44.	2.3	25
15	Dependence of magnetoelectric properties on the magnetostrictive content in 0â€“3 composites. Ceramics International, 2013, 39, S213-S216.	4.8	24
16	Strontium hexaferrite (SrFe12O19) based composites for hyperthermia applications. Journal of Magnetism and Magnetic Materials, 2013, 344, 134-139.	2.3	38
17	Annealing control of magnetic anisotropy and phase separation in CoFe2O4-BaTiO3 nanocomposite films. Journal of Applied Physics, 2013, 114, 233910.	2.5	8
18	Bulk and Interfacial Effects in Coâ€“Cr₂O₃ Nanocomposites. Journal of Nanoscience and Nanotechnology, 2011, 11, 2700-2703.	0.9	1

#	Article	IF	Citations
19	Interfacial spin order in exchange biased systems. Journal of Applied Physics, 2008, 104, .	2.5	20
20	Thermal instabilities in exchange biased materials. Journal of Magnetism and Magnetic Materials, 2006, 303, 296-301.	2.3	39
21	Grain-size effects in exchange-biased FeMnâˆ•NiFe bilayers. Journal of Applied Physics, 2005, 97, 10K118.	2.5	12