

Vishwajeet M Khot

List of Publications by Year in descending order

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29
papers

1,795
citations

279798

23
h-index

477307

29
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docs citations

29
times ranked

2416
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of monodispersed PVP functionalized biocompatible manganese ferrite nanoparticles for hyperthermia application. <i>Materials Today: Proceedings</i> , 2022, 62, 5341-5346.	1.8	2
2	Nanomedicine-driven molecular targeting, drug delivery, and therapeutic approaches to cancer chemoresistance. <i>Drug Discovery Today</i> , 2021, 26, 724-739.	6.4	25
3	Anticancer, Antibacterial and Hyperthermia Studies of a Caffeine-Based π -Heterocyclic Carbene Silver Complex Anchored on Magnetic Nanoparticles. <i>ChemistrySelect</i> , 2021, 6, 1958-1968.	1.5	14
4	Synthesis, Characterization, and Cytotoxicity Evaluation of Polyethylene Glycol-Coated Iron Oxide Nanoparticles for Radiotherapy Application. <i>Journal of Medical Physics</i> , 2021, 46, 154-161.	0.3	1
5	MRI Guided Magneto-chemotherapy with High-Magnetic-Moment Iron Oxide Nanoparticles for Cancer Theranostics. <i>ACS Applied Bio Materials</i> , 2020, 3, 2305-2313.	4.6	29
6	APTES (3-aminopropyltriethoxy silane) functionalized MnFe ₂ O ₄ nanoparticles: a potential material for magnetic fluid hyperthermia. <i>Chemical Papers</i> , 2019, 73, 2189-2197.	2.2	13
7	Water dispersible superparamagnetic Cobalt iron oxide nanoparticles for magnetic fluid hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 419, 533-542.	2.3	52
8	Synthesis and magnetostructural studies of amine functionalized superparamagnetic iron oxide nanoparticles. <i>RSC Advances</i> , 2015, 5, 18420-18428.	3.6	28
9	Superparamagnetic MFe ₂ O ₄ (M = Ni, Co, Zn, Mn) nanoparticles: synthesis, characterization, induction heating and cell viability studies for cancer hyperthermia applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 127.	3.6	70
10	Improved magnetic induction heating of nanoferrites for hyperthermia applications: Correlation with colloidal stability and magneto-structural properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 384, 335-343.	2.3	30
11	PVA and PEG functionalised LSMO nanoparticles for magnetic fluid hyperthermia application. <i>Materials Characterization</i> , 2015, 102, 209-220.	4.4	41
12	Cation distribution, structural, morphological and magnetic properties of Co _{1-x} Zn _x Fe ₂ O ₄ (x = 0-1) nanoparticles. <i>RSC Advances</i> , 2015, 5, 2338-2345.	3.6	184
13	Study of AC magnetic heating characteristics of Co _{0.5} Zn _{0.5} Fe ₂ O ₄ nanoparticles for magnetic hyperthermia therapy. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 349, 208-213.	2.3	52
14	Synthesis and Properties of Monodisperse Superparamagnetic Mg _{0.8} Mn _{0.2} Fe ₂ O ₄ Nanoparticles Using Polyol Reflux Method. <i>Acta Metallurgica Sinica (English Letters)</i> , 2014, 27, 1122-1126.	2.9	8
15	Colloidal stability of polyethylene glycol functionalized Co _{0.5} Zn _{0.5} Fe ₂ O ₄ nanoparticles: effect of pH, sample and salt concentration for hyperthermia application. <i>RSC Advances</i> , 2014, 4, 12662.	3.6	41
16	Structured superparamagnetic nanoparticles for high performance mediator of magnetic fluid hyperthermia: Synthesis, colloidal stability and biocompatibility evaluation. <i>Materials Science and Engineering C</i> , 2014, 42, 637-646.	7.3	41
17	Magnetic Hyperthermia with Magnetic Nanoparticles: A Status Review. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 572-594.	2.1	216
18	Studies on colloidal stability of PVP-coated LSMO nanoparticles for magnetic fluid hyperthermia. <i>New Journal of Chemistry</i> , 2013, 37, 3121.	2.8	87

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19	Induction heating studies of combustion synthesized MgFe ₂ O ₄ nanoparticles for hyperthermia applications. Journal of Magnetism and Magnetic Materials, 2013, 332, 48-51.	2.3	63
20	Surface functionalized LSMO nanoparticles with improved colloidal stability for hyperthermia applications. Journal Physics D: Applied Physics, 2013, 46, 105003.	2.8	56
21	Thermodynamic, structural and magnetic studies of NiFe ₂ O ₄ nanoparticles prepared by combustion method: Effect of fuel. Journal of Alloys and Compounds, 2013, 546, 314-319.	5.5	45
22	Polyvinyl alcohol functionalized cobalt ferrite nanoparticles for biomedical applications. Applied Surface Science, 2013, 264, 598-604.	6.1	174
23	Functionalization of La _{0.7} Sr _{0.3} MnO ₃ nanoparticles with polymer: Studies on enhanced hyperthermia and biocompatibility properties for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2013, 104, 40-47.	5.0	61
24	Enhanced colloidal stability of polymer coated La _{0.7} Sr _{0.3} MnO ₃ nanoparticles in physiological media for hyperthermia application. Colloids and Surfaces B: Biointerfaces, 2013, 111, 264-269.	5.0	33
25	Highly water-dispersible surface-functionalized LSMO nanoparticles for magnetic fluid hyperthermia application. New Journal of Chemistry, 2013, 37, 2733.	2.8	60
26	Combustion synthesis of cobalt ferrite nanoparticles—Influence of fuel to oxidizer ratio. Journal of Alloys and Compounds, 2012, 514, 91-96.	5.5	175
27	Formation, microstructure and magnetic properties of nanocrystalline MgFe ₂ O ₄ . Materials Chemistry and Physics, 2012, 132, 782-787.	4.0	83
28	Studies on polyethylene glycol coating on NiFe ₂ O ₄ nanoparticles for biomedical applications. Journal of Magnetism and Magnetic Materials, 2012, 324, 770-772.	2.3	89
29	Spray deposited superhydrophobic ZnO coatings via seed assisted growth. Surface and Coatings Technology, 2011, 206, 1336-1341.	4.8	22