

Gautom Kumar Das

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11965460/publications.pdf>

Version: 2024-02-01

12
papers

982
citations

759055

12
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

1812
citing authors

#	ARTICLE	IF	CITATIONS
1	Rare-Earth-Doped and Codoped Y ₂ O ₃ Nanomaterials as Potential Bioimaging Probes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 11211-11217.	1.5	167
2	Gadolinium Oxide Ultranarrow Nanorods as Multimodal Contrast Agents for Optical and Magnetic Resonance Imaging. <i>Langmuir</i> , 2010, 26, 8959-8965.	1.6	158
3	NaDyF ₄ Nanoparticles as T ₂ Contrast Agents for Ultrahigh Field Magnetic Resonance Imaging. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 524-529.	2.1	144
4	Engineering lanthanide-based materials for nanomedicine. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2014, 20, 71-96.	5.6	85
5	Bimodal magnetic-fluorescent probes for bioimaging. <i>Microscopy Research and Technique</i> , 2011, 74, 563-576.	1.2	83
6	Single-Phase Dy ₂ O ₃ :Tb ³⁺ Nanocrystals as Dual-Modal Contrast Agent for High Field Magnetic Resonance and Optical Imaging. <i>Chemistry of Materials</i> , 2011, 23, 2439-2446.	3.2	76
7	Cytotoxic and genotoxic characterization of titanium dioxide, gadolinium oxide, and poly(lactic-co-glycolic acid) nanoparticles in human fibroblasts. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 633-640.	2.1	68
8	Tb-doped iron oxide: bifunctional fluorescent and magnetic nanocrystals. <i>Journal of Materials Chemistry</i> , 2009, 19, 3696.	6.7	51
9	Smart theranostic lanthanide nanoprobe with simultaneous up-conversion fluorescence and tunable T ₁ magnetic resonance imaging contrast and near-infrared activated photodynamic therapy. <i>Nanoscale</i> , 2014, 6, 12609-12617.	2.8	46
10	Sublethal Effects of CuO Nanoparticles on Mozambique Tilapia (<i>Oreochromis mossambicus</i>) Are Modulated by Environmental Salinity. <i>PLoS ONE</i> , 2014, 9, e88723.	1.1	45
11	Comparative cytotoxicity evaluation of lanthanide nanomaterials on mouse and human cell lines with metabolic and DNA-quantification assays. <i>Biointerphases</i> , 2010, 5, FA88-FA97.	0.6	31
12	In vitro cytotoxicity evaluation of biomedical nanoparticles and their extracts. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 93A, 337-346.	2.1	28