

Manasmita Das

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,939
citations

361413

20
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

3589
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid lipid nanoparticles: an oral bioavailability enhancer vehicle. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 1407-1424.	5.0	221
2	<i>In situ</i> gel systems as "smart"™ carriers for sustained ocular drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 383-402.	5.0	162
3	Biofunctionalized, Phosphonate-Grafted, Ultrasmall Iron Oxide Nanoparticles for Combined Targeted Cancer Therapy and Multimodal Imaging. <i>Small</i> , 2009, 5, 2883-2893.	10.0	157
4	Toxicity of Multiwalled Carbon Nanotubes with End Defects Critically Depends on Their Functionalization Density. <i>Chemical Research in Toxicology</i> , 2011, 24, 2028-2039.	3.3	153
5	Oral bioavailability, therapeutic efficacy and reactive oxygen species scavenging properties of coenzyme Q10-loaded polymeric nanoparticles. <i>Biomaterials</i> , 2011, 32, 6860-6874.	11.4	137
6	Hyaluronate Tethered, "Smart" Multiwalled Carbon Nanotubes for Tumor-Targeted Delivery of Doxorubicin. <i>Bioconjugate Chemistry</i> , 2012, 23, 2201-2213.	3.6	127
7	Bio-functionalization of magnetite nanoparticles using an aminophosphonic acid coupling agent: new, ultradispersed, iron-oxide folate nanoconjugates for cancer-specific targeting. <i>Nanotechnology</i> , 2008, 19, 415101.	2.6	122
8	Folate receptor targeted, carboxymethyl chitosan functionalized iron oxide nanoparticles: a novel ultradispersed nanoconjugates for bimodal imaging. <i>Nanoscale</i> , 2011, 3, 1653.	5.6	115
9	Augmented Anticancer Activity of a Targeted, Intracellularly Activatable, Theranostic Nanomedicine Based on Fluorescent and Radiolabeled, Methotrexate-Folic Acid-Multiwalled Carbon Nanotube Conjugate. <i>Molecular Pharmaceutics</i> , 2013, 10, 2543-2557.	4.6	110
10	Impedance spectroscopy study of LaMnO ₃ modified BaTiO ₃ ceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009, 164, 165-171.	3.5	99
11	Augmented Anticancer Efficacy of Doxorubicin-Loaded Polymeric Nanoparticles after Oral Administration in a Breast Cancer Induced Animal Model. <i>Molecular Pharmaceutics</i> , 2011, 8, 1140-1151.	4.6	81
12	Coordination of Brain-Wide Activity Dynamics by Dopaminergic Neurons. <i>Neuropsychopharmacology</i> , 2017, 42, 615-627.	5.4	59
13	Functionalization Density Dependent Toxicity of Oxidized Multiwalled Carbon Nanotubes in a Murine Macrophage Cell Line. <i>Chemical Research in Toxicology</i> , 2012, 25, 2127-2137.	3.3	53
14	Intranuclear Drug Delivery and Effective in Vivo Cancer Therapy via Estradiol-PEG-Appended Multiwalled Carbon Nanotubes. <i>Molecular Pharmaceutics</i> , 2013, 10, 3404-3416.	4.6	50
15	Surface Chemistry Dependent "Switch" Regulates the Trafficking and Therapeutic Performance of Drug-Loaded Carbon Nanotubes. <i>Bioconjugate Chemistry</i> , 2013, 24, 626-639.	3.6	38
16	Combinatorial bio-conjugation of gemcitabine and curcumin enables dual drug delivery with synergistic anticancer efficacy and reduced toxicity. <i>RSC Advances</i> , 2014, 4, 29193-29201.	3.6	38
17	Chemogenetic stimulation of tonic locus coeruleus activity strengthens the default mode network. <i>Science Advances</i> , 2022, 8, eabm9898.	10.3	36
18	Macromolecular Bipill of Gemcitabine and Methotrexate Facilitates Tumor-Specific Dual Drug Therapy with Higher Benefit-to-Risk Ratio. <i>Bioconjugate Chemistry</i> , 2014, 25, 501-509.	3.6	31

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19	Synthesis, characterization, and in vitro biological evaluation of highly stable diversely functionalized superparamagnetic iron oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4173-4188.	1.9	30
20	Orthogonal biofunctionalization of magnetic nanoparticles via "clickable" poly(ethylene glycol) silanes: a "universal ligand" strategy to design stealth and target-specific nanocarriers. <i>Journal of Materials Chemistry</i> , 2012, 22, 24652.	6.7	24
21	Genetic identification of a population of noradrenergic neurons implicated in attenuation of stress-related responses. <i>Molecular Psychiatry</i> , 2019, 24, 710-725.	7.9	24
22	Dielectric and impedance spectroscopy study of Ba _{0.8} Bi _{2.133} Nb _{1.6} Ta _{0.4} O ₉ ferroelectric ceramics, prepared by chemical route. <i>Journal of Materials Science: Materials in Electronics</i> , 2011, 22, 1750-1760.	2.2	23
23	One-pot synthesis of carboxymethyl-dextran coated iron oxide nanoparticles (CION) for preclinical fMRI and MRA applications. <i>NeuroImage</i> , 2021, 238, 118213.	4.2	19
24	Mitochondriotropic lanthanide nanorods: implications for multimodal imaging. <i>Chemical Communications</i> , 2020, 56, 7945-7948.	4.1	12
25	Mathematical models for the oxidative functionalization of multiwalled carbon nanotubes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 419, 156-165.	4.7	10
26	Does the targeted delivery of theranostic carbon nanotubes have potential as a valid anticancer strategy?. <i>Therapeutic Delivery</i> , 2014, 5, 1-5.	2.2	3
27	Trienediynes on a 1,3,5-trisubstituted benzene template: a new approach for enhancement of reactivity. <i>RSC Advances</i> , 2014, 4, 28041.	3.6	3
28	A subset of noradrenergic (NE) neurons defined by developmental expression of Hoxb1 have a distinct role in attenuating the behavioral response to acute stress. <i>Molecular Psychiatry</i> , 2019, 24, 625-625.	7.9	0