

Xiaoyong Deng

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

2,505
citations

25
h-index

50
g-index

56
ext. papers

2,700
ext. citations

6.2
avg, IF

4.32
L-index

#	Paper	IF	Citations
49	Biodistribution of carbon single-wall carbon nanotubes in mice. <i>Journal of Nanoscience and Nanotechnology</i> , 2004 , 4, 1019-24	1.3	311
48	Nanosized zinc oxide particles induce neural stem cell apoptosis. <i>Nanotechnology</i> , 2009 , 20, 115101	3.4	256
47	Translocation and fate of multi-walled carbon nanotubes in vivo. <i>Carbon</i> , 2007 , 45, 1419-1424	10.4	229
46	An injectable nanoparticle generator enhances delivery of cancer therapeutics. <i>Nature Biotechnology</i> , 2016 , 34, 414-8	44.5	220
45	Biodistribution of Pristine Single-Walled Carbon Nanotubes In Vivo <i>Journal of Physical Chemistry C</i> , 2007 , 111, 17761-17764	3.8	200
44	Adsorption of Antibiotics on Graphene and Biochar in Aqueous Solutions Induced by Ca^{2+} Interactions. <i>Scientific Reports</i> , 2016 , 6, 31920	4.9	135
43	Enhancing chemotherapy response with sustained EphA2 silencing using multistage vector delivery. <i>Clinical Cancer Research</i> , 2013 , 19, 1806-15	12.9	92
42	The hepatotoxicity of multi-walled carbon nanotubes in mice. <i>Nanotechnology</i> , 2009 , 20, 445101	3.4	78
41	Cooperative, nanoparticle-enabled thermal therapy of breast cancer. <i>Advanced Healthcare Materials</i> , 2012 , 1, 84-9	10.1	73
40	The splenic toxicity of water soluble multi-walled carbon nanotubes in mice. <i>Carbon</i> , 2009 , 47, 1421-1428	10.4	69
39	A generally adoptable radiotracing method for tracking carbon nanotubes in animals. <i>Nanotechnology</i> , 2008 , 19, 075101	3.4	63
38	Facile synthesis of three-dimensional Mn_3O_4 hierarchical microstructures and their application in the degradation of methylene blue. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 2934-2941	13	62
37	Diameter effects on cytotoxicity of multi-walled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 3025-33	1.3	61
36	Biological effect of food additive titanium dioxide nanoparticles on intestine: an in vitro study. <i>Journal of Applied Toxicology</i> , 2015 , 35, 1169-78	4.1	57
35	Surfactant-free solution phase synthesis of monodispersed SnO_2 hierarchical nanostructures and gas sensing properties. <i>CrystEngComm</i> , 2012 , 14, 3169	3.3	56
34	A facile method to encapsulate proteins in silica nanoparticles: encapsulated green fluorescent protein as a robust fluorescence probe. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3022-5	16.4	55
33	Long-term hepatotoxicity of polyethylene-glycol functionalized multi-walled carbon nanotubes in mice. <i>Nanotechnology</i> , 2010 , 21, 175101	3.4	48

32	Dynamic self-assembly synthesis and controlled release as drug vehicles of porous hollow silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2011 , 142, 601-608	5.3	43
31	Rapid translocation and pharmacokinetics of hydroxylated single-walled carbon nanotubes in mice. <i>Nanotoxicology</i> , 2008 , 2, 28-32	5.3	39
30	A protein interaction network for the analysis of the neuronal differentiation of neural stem cells in response to titanium dioxide nanoparticles. <i>Biomaterials</i> , 2010 , 31, 3063-70	15.6	36
29	Distribution of TiO ₂ particles in the olfactory bulb of mice after nasal inhalation using microbeam SRXRF mapping techniques. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007 , 272, 527-531	1.5	34
28	Microwave-assisted synthesis of magnetite nanoparticles for MR blood pool contrast agents. <i>Journal of Magnetism and Magnetic Materials</i> , 2012 , 324, 488-494	2.8	29
27	Functionalization of multi-walled carbon nanotubes via surface unpaired electrons. <i>Nanotechnology</i> , 2010 , 21, 85706	3.4	28
26	Monitoring the progression of metastatic breast cancer on nanoporous silica chips. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012 , 370, 2433-47	3	27
25	pH-induced inversion of water-in-oil emulsions to oil-in-water high internal phase emulsions (HIPEs) using core cross-linked star (CCS) polymer as interfacial stabilizer. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 1148-52	4.8	26
24	Comparison of three water-soluble polyphosphate tripolyphosphate, phytic acid, and sodium hexametaphosphate as crosslinking agents in chitosan nanoparticle formulation. <i>Carbohydrate Polymers</i> , 2020 , 230, 115577	10.3	22
23	Direct imaging of titania nanotubes located in mouse neural stem cell nuclei. <i>Nano Research</i> , 2009 , 2, 543-552	10	21
22	Pulmonary toxicity in mice exposed to low and medium doses of water-soluble multi-walled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 8516-26	1.3	19
21	Microwave-assisted synthesis of Gd(III)-loaded nanozeolite SOD as MRI contrast agent with remarkable stability in vivo. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 3041-3049	7.3	13
20	Bulk enrichment and separation of multi-walled carbon nanotubes by density gradient centrifugation. <i>Carbon</i> , 2009 , 47, 1608-1610	10.4	13
19	Comparison of cytotoxicity of pristine and covalently functionalized multi-walled carbon nanotubes in RAW 264.7 macrophages. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 274-83	1.3	13
18	Artificial antibody created by conformational reconstruction of the complementary-determining region on gold nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E34-E43	11.5	12
17	Internalization, translocation and biotransformation of silica-coated titanium dioxide nanoparticles in neural stem cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 7121-5	1.3	11
16	Comparing Toxicity of Alumina and Zinc Oxide Nanoparticles on the Human Intestinal Epithelium In Vitro Model. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 2881-2891	1.3	9
15	Mesoporous silica coating on carbon nanotubes: layer-by-layer method. <i>Langmuir</i> , 2013 , 29, 6815-22	4	9

14	The cytotoxicity of oxidized multi-walled carbon nanotubes on macrophages. <i>Science China Chemistry</i> , 2016 , 59, 918-926	7.9	7
13	Chitosan-coated red fluorescent protein nanoparticle as a potential dual-functional siRNA carrier. <i>Nanomedicine</i> , 2015 , 10, 2005-16	5.6	5
12	Water soluble multi-walled carbon nanotubes enhance peritoneal macrophage activity in vivo. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 8663-9	1.3	4
11	Fate of CdSe/ZnS quantum dots in cells: Endocytosis, translocation and exocytosis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112140	6	4
10	Spectroscopic Study of Ensemble and Individual Graphene Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 12112-12119	3.8	3
9	Cancer Therapy: Cooperative, Nanoparticle-Enabled Thermal Therapy of Breast Cancer (Adv. Healthcare Mater. 1/2012). <i>Advanced Healthcare Materials</i> , 2012 , 1, 128-128	10.1	3
8	Photolithography-Compatible Templated Patterning of Functional Organic Materials in Emulsion. <i>Advanced Science</i> , 2016 , 3, 1500304	13.6	3
7	Direct Imaging of Apoptosis Process of Neural Stem Cells Exposed to Porous Silica Nanoparticles. <i>Current Nanoscience</i> , 2010 , 6, 292-297	1.4	2
6	Incorporation and/or adduction of formic acid with DNA in vivo studied by HPLC-MS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010 , 268, 1317-1320	1.2	2
5	Pressure-Controlled Encapsulation of Graphene Quantum Dots into Liposomes by the Reverse-Phase Evaporation Method. <i>Langmuir</i> , 2021 , 37, 14096-14104	4	2
4	The combined toxicity of ultra-small SiO ₂ nanoparticles and bisphenol A (BPA) in the development of zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021 , 248, 109125	3.2	1
3	Mechanically Strong, Hydrostable, and Biodegradable Starch/Cellulose Composite Materials for Tableware. <i>Starch/Staerke</i> , 2020 , 72, 200019	2.3	0
2	Encapsulation of ultrasmall nanophosphors into liposomes by thin-film hydration. <i>European Physical Journal: Special Topics</i> , 2011 , 199, 11-16	2.3	0
1	Cardiovascular and Hemostatic Effects of Carbon Nanomaterials 2016 , 195-212		