

Leshuai W Zhang

List of Publications by Year in descending order

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31
papers

2,132
citations

394421

19
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

4112
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Quantum Dot Nanoparticle Cellular Uptake. <i>Toxicological Sciences</i> , 2009, 110, 138-155.	3.1	453
2	pH-Switchable Antimicrobial Nanofiber Networks of Hydrogel Eradicate Biofilm and Rescue Stalled Healing in Chronic Wounds. <i>ACS Nano</i> , 2019, 13, 11686-11697.	14.6	287
3	BSA-Mediated Synthesis of Bismuth Sulfide Nanotheranostic Agents for Tumor Multimodal Imaging and Thermoradiotherapy. <i>Advanced Functional Materials</i> , 2016, 26, 5335-5344.	14.9	255
4	Biological interactions of quantum dot nanoparticles in skin and in human epidermal keratinocytes. <i>Toxicology and Applied Pharmacology</i> , 2008, 228, 200-211.	2.8	242
5	Biological Interactions of Functionalized Single-Wall Carbon Nanotubes in Human Epidermal Keratinocytes. <i>International Journal of Toxicology</i> , 2007, 26, 103-113.	1.2	182
6	Effective cancer immunotherapy by <i>Ganoderma lucidum</i> polysaccharide-gold nanocomposites through dendritic cell activation and memory T cell response. <i>Carbohydrate Polymers</i> , 2019, 205, 192-202.	10.2	93
7	Cellular uptake mechanisms and toxicity of quantum dots in dendritic cells. <i>Nanomedicine</i> , 2011, 6, 777-791.	3.3	88
8	Effective Radiotherapy in Tumor Assisted by <i>Ganoderma lucidum</i> Polysaccharide-Conjugated Bismuth Sulfide Nanoparticles through Radiosensitization and Dendritic Cell Activation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27536-27547.	8.0	62
9	Comparison of immunoregulatory effects of polysaccharides from three natural herbs and cellular uptake in dendritic cells. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 940-951.	7.5	50
10	Comparative studies on the immunoregulatory effects of three polysaccharides using high content imaging system. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 28-42.	7.5	46
11	Autophagy associated cytotoxicity and cellular uptake mechanisms of bismuth nanoparticles in human kidney cells. <i>Toxicology Letters</i> , 2017, 275, 39-48.	0.8	45
12	Use of confocal microscopy for nanoparticle drug delivery through skin. <i>Journal of Biomedical Optics</i> , 2012, 18, 061214.	2.6	43
13	The protective role of autophagy in nephrotoxicity induced by bismuth nanoparticles through AMPK/mTOR pathway. <i>Nanotoxicology</i> , 2018, 12, 586-601.	3.0	40
14	Dose matters: Direct killing or immunoregulatory effects of natural polysaccharides in cancer treatment. <i>Carbohydrate Polymers</i> , 2018, 195, 243-256.	10.2	36
15	Bioactive Polysaccharide Nanoparticles Improve Radiation-Induced Abscopal Effect through Manipulation of Dendritic Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42661-42670.	8.0	33
16	Three-dimensional liver models: state of the art and their application for hepatotoxicity evaluation. <i>Critical Reviews in Toxicology</i> , 2020, 50, 279-309.	3.9	30
17	Mitochondria-targeted platinum(II) complexes: dual inhibitory activities on tumor cell proliferation and migration/invasion via intracellular trafficking of β -catenin. <i>Metallomics</i> , 2017, 9, 726-733.	2.4	28
18	Immunoactive polysaccharide functionalized gold nanocomposites promote dendritic cell stimulation and antitumor effects. <i>Nanomedicine</i> , 2019, 14, 1291-1306.	3.3	22

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19	Intracellular imaging of quantum dots, gold, and iron oxide nanoparticles with associated endocytic pathways. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1419.	6.1	20
20	Toxicity assessment of six titanium dioxide nanoparticles in human epidermal keratinocytes. <i>Cutaneous and Ocular Toxicology</i> , 2019, 38, 66-80.	1.3	16
21	Detection of nanocarrier potentiation on drug induced phospholipidosis in cultured cells and primary hepatocyte spheroids by high content imaging and analysis. <i>Toxicology and Applied Pharmacology</i> , 2018, 348, 54-66.	2.8	11
22	Exposure and nephrotoxicity concern of bismuth with the occurrence of autophagy. <i>Toxicology and Industrial Health</i> , 2018, 34, 188-199.	1.4	11
23	The Role of eNOS Phosphorylation in Causing Drug-induced Vascular Injury. <i>Toxicologic Pathology</i> , 2014, 42, 709-724.	1.8	10
24	Safety assessment of potential food ingredients in canine hepatocytes. <i>Food and Chemical Toxicology</i> , 2015, 78, 105-115.	3.6	8
25	Potentiation of Drug-Induced Phospholipidosis <i>In Vitro</i> through PEGylated Graphene Oxide as the Nanocarrier. <i>Toxicological Sciences</i> , 2017, 156, kfw233.	3.1	8
26	Hepatotoxicity of copper sulfide nanoparticles towards hepatocyte spheroids using a novel multi-concave agarose chip method. <i>Nanomedicine</i> , 2021, 16, 1487-1504.	3.3	4
27	Endotoxin contamination in ovalbumin as viewed from a nano-immunotherapy perspective. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, e1747.	6.1	4
28	Automated contour analysis of multi-cellular spheroids spreading through high content imaging. <i>Physical Biology</i> , 2018, 15, 026006.	1.8	2
29	Iodinated BSA Nanoparticles for Macrophage-Mediated CT Imaging and Repair of Gastritis. <i>Analytical Chemistry</i> , 2021, 93, 6414-6420.	6.5	2
30	Preclinical safety and hepatotoxicity evaluation of biom mineralized copper sulfide nanoagents. <i>Journal of Nanobiotechnology</i> , 2022, 20, 185.	9.1	1
31	Cellular Uptake Mechanisms of Nanoparticles for Biomedical Imaging. , 2016, , 241-272.		0