

Zhixiang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,036
citations

759233

12
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

2383
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyaluronic acid-chitosan nanoparticles for co-delivery of MiR-34a and doxorubicin in therapy against triple negative breast cancer. <i>Biomaterials</i> , 2014, 35, 4333-4344.	11.4	427
2	Interactions of graphene with mammalian cells: Molecular mechanisms and biomedical insights. <i>Advanced Drug Delivery Reviews</i> , 2016, 105, 145-162.	13.7	230
3	Transcriptomic Analyses of the Biological Effects of Airborne PM2.5 Exposure on Human Bronchial Epithelial Cells. <i>PLoS ONE</i> , 2015, 10, e0138267.	2.5	72
4	The effects of autophagy on vascular endothelial cells induced by airborne PM2.5. <i>Journal of Environmental Sciences</i> , 2018, 66, 182-187.	6.1	49
5	Mitochondrial dysfunction in endothelial cells induced by airborne fine particulate matter ($\leq 2.5 \mu\text{m}$). <i>Journal of Applied Toxicology</i> , 2019, 39, 1424-1432.	2.8	34
6	Acidic pH-induced charge-reversal nanoparticles for accelerated endosomal escape and enhanced microRNA modulation in cancer cells. <i>Chemical Communications</i> , 2016, 52, 3243-3246.	4.1	31
7	The movement and deposition of PM2.5 in the upper respiratory tract for the patients with heart failure: an elementary CFD study. <i>BioMedical Engineering OnLine</i> , 2016, 15, 138.	2.7	23
8	Carboxymethyl Dextran-Stabilized Polyethylenimine-Poly(epsilon-caprolactone) Nanoparticles-Mediated Modulation of MicroRNA-34a Expression via Small-Molecule Modulator for Hepatocellular Carcinoma Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17068-17079.	8.0	21
9	Random Lasing from Label-Free Living Cells for Rapid Cytometry of Apoptosis. <i>Nano Letters</i> , 2022, 22, 172-178.	9.1	19
10	Role of calcium in phototoxicity of 2-butylamino-2-demethoxy-hypocrellin A to human gastric cancer MGC-803 cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2003, 1593, 191-200.	4.1	18
11	SH3GLB2/endophilin B2 regulates lung homeostasis and recovery from severe influenza A virus infection. <i>Scientific Reports</i> , 2017, 7, 7262.	3.3	17
12	Two-Step Assembling of Near-Infrared $\alpha\text{-ONa}^{\bullet}$ -Fluorescent Nanohybrids for Synchronous Tumor Imaging and MicroRNA Modulation-Based Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3294-3305.	8.0	15
13	Screening and prioritization of chemical hazards for deriving human health ambient water quality criteria in China. <i>Journal of Environmental Management</i> , 2019, 245, 223-229.	7.8	12
14	In vitro evaluation of the therapeutic effectiveness of EBV-LMP2 recombinant adenovirus vaccine in nasopharyngeal carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109626.	5.6	11
15	A transcriptomic analysis of malignant transformation of human embryonic esophageal epithelial cells by HPV18 E6E7. <i>Translational Cancer Research</i> , 2020, 9, 1818-1832.	1.0	10
16	Photocytotoxicity of Hypocrellin B (HB) was Enhanced by Liposomalization in Vitro. <i>International Journal of Toxicology</i> , 2011, 30, 174-180.	1.2	8
17	Depletion of PKM2 leads to impaired glycolysis and cell death in 2-demethoxy-2,3-ethylenediamino hypocrellin B-photoinduced A549 cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 134, 1-8.	3.8	8
18	Photo-killing mechanism of 2-demethoxy-2,3-ethylenediamino hypocrellin B (EDAHB) to HeLa cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 117, 47-54.	3.8	7

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19	LINC00958 promotes proliferation, migration, invasion, and epithelial-mesenchymal transition of oesophageal squamous cell carcinoma cells. PLoS ONE, 2021, 16, e0251797.	2.5	7
20	InÂvivo assessment of dermal adhesion, penetration, and bioavailability of tetrabromobisphenol A. Environmental Pollution, 2017, 228, 305-310.	7.5	5
21	Gene expression in human umbilical vein endothelial cells exposed to fine particulate matter: RNA sequencing analysis. International Journal of Environmental Health Research, 2022, 32, 2052-2064.	2.7	5
22	Photo-induced electron transfer between hypocrellins and nano-sized semiconductor CdS. Science in China Series C: Life Sciences, 2001, 44, 241-252.	1.3	4
23	A novel peptide shows excellent anti-HIV-1 potency as a gp41 fusion inhibitor. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 910-914.	2.2	2
24	Involvement of the Mitochondria-Caspase Pathway in HeLa Cell Death Induced by 2-Ethanolamino-2-Demethoxy-17-Ethanolimino-Hypocrellin B (EAHB)-Mediated Photodynamic Therapy. International Journal of Toxicology, 2012, 31, 483-492.	1.2	1