Minghua Jin

List of Publications by Year
in descending order

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16 papers	348 citations	840776 11 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	504 citing authors

#	Article	IF	Citations
1	Detection of four foodborne pathogens based on magnetic separation multiplex PCR and capillary electrophoresis. Biotechnology Journal, 2022, 17, e2100335.	3.5	12
2	Methylmercury induced apoptosis of human neuroblastoma cells through the reactive oxygen species mediated caspase and poly ADPâ€ribose polymerase/<scp>a</scp>poptosisâ€inducing factor dependent pathways. Environmental Toxicology, 2022, 37, 1891-1901.	4.0	2
3	Silica nanoparticles induce mitochondrial pathwayâ€dependent apoptosis by activating unfolded protein response in human neuroblastoma cells. Environmental Toxicology, 2021, 36, 675-685.	4.0	17
4	A detection method of Escherichia coli O157:H7 based on immunomagnetic separation and aptamers-gold nanoparticle probe quenching Rhodamine Bâ€™s fluorescence. Food Science and Biotechnology, 2021, 30, 1129-1138.	2.6	7
5	One-step colorimetric detection of Staphylococcus aureus based on target-induced shielding against the peroxidase mimicking activity of aptamer-functionalized gold-coated iron oxide nanocomposites. Talanta, 2021, 232, 122448.	5.5	23
6	PBX1 Attenuates Hair Follicle-Derived Mesenchymal Stem Cell Senescence and Apoptosis by Alleviating Reactive Oxygen Species-Mediated DNA Damage Instead of Enhancing DNA Damage Repair. Frontiers in Cell and Developmental Biology, 2021, 9, 739868.	3.7	11
7	Rapid visualized isothermal nucleic acid testing of Vibrio parahaemolyticus by polymerase spiral reaction. Analytical and Bioanalytical Chemistry, 2020, 412, 93-101.	3.7	25
8	Melanocytes derived from mouse hair follicles: A novel study model to assess pigmentation disorders. Pathology Research and Practice, 2020, 216, 153224.	2.3	0
9	MSC-derived exosomes attenuate cell death through suppressing AIF nucleus translocation and enhance cutaneous wound healing. Stem Cell Research and Therapy, 2020, 11, 174.	5.5	61
10	Internalization of the TAT-PBX1 fusion protein significantly enhances the proliferation of human hair follicle-derived mesenchymal stem cells and delays their senescence. Biotechnology Letters, 2020, 42, 1877-1885.	2.2	5
11	PBX homeobox 1 enhances hair follicle mesenchymal stem cell proliferation and reprogramming through activation of the AKT/glycogen synthase kinase signaling pathway and suppression of apoptosis. Stem Cell Research and Therapy, 2019, 10, 268.	5.5	26
12	NANOG Attenuates Hair Follicle-Derived Mesenchymal Stem Cell Senescence by Upregulating PBX1 and Activating AKT Signaling. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	4.0	31
13	Investigation of the genetic toxicity by dextran-coated superparamagnetic iron oxide nanoparticles (SPION) in HepG2 cells using the comet assay and cytokinesis-block micronucleus assay. Toxicology and Environmental Health Sciences, 2017, 9, 23-29.	2.1	17
14	Silica nanoparticles induced intrinsic apoptosis in neuroblastoma SH-SY5Y cells via CytC/Apaf-1 pathway. Environmental Toxicology and Pharmacology, 2017, 52, 161-169.	4.0	46
15	The Internalization, Distribution, and Ultrastructure Damage of Silica Nanoparticles in Human Hepatic L-02 Cells. Particle and Particle Systems Characterization, 2016, 33, 664-674.	2.3	11
16	Combined toxicity of amorphous silica nanoparticles and methylmercury to human lung epithelial cells. Ecotoxicology and Environmental Safety, 2015, 112, 144-152.	6.0	54