Caixia Guo

List of Publications by Year in descending order

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57	2,306	293460	252626
papers	citations	24 h-index	46 g-index

63	63	63	3401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomarkers for the adverse effects on respiratory system health associated with atmospheric particulate matter exposure. Journal of Hazardous Materials, 2022, 421, 126760.	6.5	58
2	Myocardial toxicity induced by silica nanoparticles in a transcriptome profile. Nanoscale, 2022, 14, 6094-6108.	2.8	8
3	Integrinβ3 mediates the protective effects of soluble receptor for advanced glycation end-products during myocardial ischemia/reperfusion through AKT/STAT3 signaling pathway. Apoptosis: an International Journal on Programmed Cell Death, 2022, 27, 354-367.	2.2	4
4	Integrative proteomics and metabolomics approach to elucidate metabolic dysfunction induced by silica nanoparticles in hepatocytes. Journal of Hazardous Materials, 2022, 434, 128820.	6.5	20
5	Erythrocyte-biomimetic nanosystems to improve antitumor effects of paclitaxel on epithelial cancers. Journal of Controlled Release, 2022, 345, 744-754.	4.8	18
6	Lysosomal impairment-mediated autophagy dysfunction responsible for the vascular endothelial apoptosis caused by silica nanoparticle via ROS/PARP1/AIF signaling pathway. Environmental Pollution, 2022, 304, 119202.	3.7	18
7	Long-term respiratory exposure to amorphous silica nanoparticles promoted systemic inflammation and progression of fibrosis in a susceptible mouse model. Chemosphere, 2022, 300, 134633.	4.2	15
8	Soluble RAGE attenuates myocardial I/R injuries via FoxO3â€“Bnip3 pathway. Cellular and Molecular Life Sciences, 2022, 79, 269.	2.4	9
9	Silica nanoparticles induce cardiac injury and dysfunction via ROS/Ca2+/CaMKII signaling. Science of the Total Environment, 2022, 837, 155733.	3.9	19
10	Silica nanoparticles perturbed mitochondrial dynamics and induced myocardial apoptosis via PKA-DRP1-mitochondrial fission signaling. Science of the Total Environment, 2022, 842, 156854.	3.9	12
11	Trends and predictors of myocardial infarction or vascular death after ischaemic stroke or TIA in China, 2007â€“2018: insights from China National Stroke Registries. Stroke and Vascular Neurology, 2021, 6, 214-221.	1.5	8
12	Short- and long-term functional results following drug-coated balloons versus drug- eluting stents in small coronary vessels: The RESTORE quantitative flow ratio study. International Journal of Cardiology, 2021, 327, 45-51.	0.8	3
13	Adverse effects of amorphous silica nanoparticles: Focus on human cardiovascular health. Journal of Hazardous Materials, 2021, 406, 124626.	6.5	59
14	Oxidative stress- and mitochondrial dysfunction-mediated cytotoxicity by silica nanoparticle in lung epithelial cells from metabolomic perspective. Chemosphere, 2021, 275, 129969.	4.2	41
15	Liposomal honokiol inhibits glioblastoma growth through regulating macrophage polarization. Annals of Translational Medicine, 2021, 9, 1644-1644.	0.7	9
16	Protective Effects of the Soluble Receptor for Advanced Glycation End-Products on Pyroptosis during Myocardial Ischemia-Reperfusion. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-12.	1.9	8
17	Silica nanoparticles exacerbates reproductive toxicity development in high-fat diet-treated Wistar rats. Journal of Hazardous Materials, 2020, 384, 121361.	6.5	32
18	Amorphous silica nanoparticles accelerated atherosclerotic lesion progression in ApoEâ^'/â^' mice through endoplasmic reticulum stress-mediated CD36 up-regulation in macrophage. Particle and Fibre Toxicology, 2020, 17, 50.	2.8	36

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19	Predictive value of cardiopulmonary fitness parameters in the prognosis of patients with acute coronary syndrome after percutaneous coronary intervention. Journal of International Medical Research, 2020, 48, 030006052094908.	0.4	2
20	Methylation of CpG sites in C1QTNF1 (C1q and tumor necrosis factor related protein 1) differs by gender in acute coronary syndrome in Han population: a caseâ€“control study. Genes and Genomics, 2020, 42, 681-689.	0.5	5
21	Pyrroloquinoline Quinine and LY294002 Changed Cell Cycle and Apoptosis by Regulating PI3K-AKT-GSK3Î² Pathway in SH-SY5Y Cells. Neurotoxicity Research, 2020, 38, 266-273.	1.3	13
22	Disturbed mitochondrial quality control involved in hepatocytotoxicity induced by silica nanoparticles. Nanoscale, 2020, 12, 13034-13045.	2.8	31
23	PM2.5 triggered apoptosis in lung epithelial cells through the mitochondrial apoptotic way mediated by a ROS-DRP1-mitochondrial fission axis. Journal of Hazardous Materials, 2020, 397, 122608.	6.5	60
24	Focus on kidney disease among the coronavirus disease 2019 patients: A comparative perspective between China, Italy and the United States. International Journal of Clinical Practice, 2020, 74, e13561.	0.8	5
25	Soluble receptor for advanced glycation end-products promotes angiogenesis through activation of STAT3 in myocardial ischemia/reperfusion injury. Apoptosis: an International Journal on Programmed Cell Death, 2020, 25, 341-353.	2.2	21
26	Interferon-Î³ mediates the protective effects of soluble receptor for advanced glycation end-product in myocardial ischemia/reperfusion. Laboratory Investigation, 2019, 99, 358-370.	1.7	9
27	Silica nanoparticles induce spermatocyte cell autophagy through microRNA-494 targeting AKT in GC-2spd cells. Environmental Pollution, 2019, 255, 113172.	3.7	26
28	Overexpression of miRâ€138â€5p suppresses MnCl₂â€induced autophagy by targeting SIRT1 in SHâ€SY5Y cells. Environmental Toxicology, 2019, 34, 539-547.	2.1	20
29	Endoplasmic reticulum stress-dependent oxidative stress mediated vascular injury induced by silica nanoparticles in vivo and in vitro. NanoImpact, 2019, 14, 100169.	2.4	26
30	Silica nanoparticles induce spermatocyte cell apoptosis through microRNA-2861 targeting death receptor pathway. Chemosphere, 2019, 228, 709-720.	4.2	18
31	Soluble receptor for advanced glycation end-products enhanced the production of IFN-Î³ through the NF-ÎºB pathway in macrophages recruited by ischemia/reperfusion. International Journal of Molecular Medicine, 2019, 43, 2507-2515.	1.8	7
32	Soluble receptor for advance glycation end-products inhibits ischemia/reperfusion-induced myocardial autophagy via the STAT3 pathway. Free Radical Biology and Medicine, 2019, 130, 107-119.	1.3	18
33	Silica nanoparticles promote oxLDL-induced macrophage lipid accumulation and apoptosis via endoplasmic reticulum stress signaling. Science of the Total Environment, 2018, 631-632, 570-579.	3.9	67
34	Mitochondrial dysfunction, perturbations of mitochondrial dynamics and biogenesis involved in endothelial injury induced by silica nanoparticles. Environmental Pollution, 2018, 236, 926-936.	3.7	107
35	SIRT1 exhibits antioxidative effects in HT22 cells induced by tertâ€butyl alcohol. Environmental Toxicology, 2018, 33, 142-148.	2.1	5
36	Silica nanoparticles induce abnormal mitosis and apoptosis via PKC-Î´Âmediated negative signaling pathway in GC-2â€cells of mice. Chemosphere, 2018, 208, 942-950.	4.2	22

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37	Silica nanoparticles induced endothelial apoptosis via endoplasmic reticulum stress-mitochondrial apoptotic signaling pathway. Chemosphere, 2018, 210, 183-192.	4.2	63
38	Anti-fibrotic effects of bone morphogenetic protein-7-modified bone marrow mesenchymal stem cells on silica-induced pulmonary fibrosis. Experimental and Molecular Pathology, 2017, 102, 70-77.	0.9	25
39	Bone marrow mesenchymal stem cells attenuate silica-induced pulmonary fibrosis via paracrine mechanisms. Toxicology Letters, 2017, 270, 96-107.	0.4	38
40	Trimethylamine N-oxide in atherogenesis: impairing endothelial self-repair capacity and enhancing monocyte adhesion. Bioscience Reports, 2017, 37, .	1.1	171
41	Amorphous silica nanoparticles induce malignant transformation and tumorigenesis of human lung epithelial cells via P53 signaling. Nanotoxicology, 2017, 11, 1176-1194.	1.6	41
42	15-oxoeicosatetraenoic acid mediates monocyte adhesion to endothelial cell. Lipids in Health and Disease, 2017, 16, 137.	1.2	13
43	Silica nanoparticles induce reversible damage of spermatogenic cells via RIPK1 signal pathways in C57 mice. International Journal of Nanomedicine, 2016, 11, 2251.	3.3	25
44	Amorphous silica nanoparticles trigger vascular endothelial cell injury through apoptosis and autophagy via reactive oxygen species-mediated MAPK/Bcl-2 and PI3K/Akt/mTOR signaling. International Journal of Nanomedicine, 2016, Volume 11, 5257-5276.	3.3	176
45	Coronary Plaque Characterization Assessed by Optical Coherence Tomography and Plasma Trimethylamine-N-oxide Levels in Patients With Coronary Artery Disease. American Journal of Cardiology, 2016, 118, 1311-1315.	0.7	53
46	DNA Hypermethylation of CREB3L1 and Bcl-2 Associated with the Mitochondrial-Mediated Apoptosis via PI3K/Akt Pathway in Human BEAS-2B Cells Exposure to Silica Nanoparticles. PLoS ONE, 2016, 11, e0158475.	1.1	37
47	Apelin promotes diabetic nephropathy by inducing podocyte dysfunction via inhibiting proteasome activities. Journal of Cellular and Molecular Medicine, 2015, 19, 2273-2285.	1.6	32
48	Silica nanoparticles induce oxidative stress, inflammation, and endothelial dysfunction in vitro via activation of the MAPK/Nrf2 pathway and nuclear factor-κB signaling. International Journal of Nanomedicine, 2015, 10, 1463.	3.3	197
49	Silica nanoparticles induced the pre-thrombotic state in rats via activation of coagulation factor XII and the JNK-NF-ÎºB/AP-1 pathway. Toxicology Research, 2015, 4, 1453-1464.	0.9	16
50	Formaldehyde induces bone marrow toxicity in mice by inhibiting peroxiredoxin 2 expression. Molecular Medicine Reports, 2014, 10, 1915-1920.	1.1	11
51	Cardiovascular Toxicity of Different Sizes Amorphous Silica Nanoparticles in Rats After Intratracheal Instillation. Cardiovascular Toxicology, 2013, 13, 194-207.	1.1	126
52	A Soluble Receptor for Advanced Glycation End-Products Inhibits Hypoxia/Reoxygenation-Induced Apoptosis in Rat Cardiomyocytes via the Mitochondrial Pathway. International Journal of Molecular Sciences, 2012, 13, 11923-11940.	1.8	19
53	Enhanced effects of TRAIL-endostatin-based double-gene-radiotherapy on suppressing growth, promoting apoptosis and inducing cell cycle arrest in vascular endothelial cells. Journal of Huazhong University of Science and Technology [Medical Sciences], 2012, 32, 167-172.	1.0	8
54	Size-dependent cytotoxicity of amorphous silica nanoparticles in human hepatoma HepG2 cells. Toxicology in Vitro, 2011, 25, 1343-1352.	1.1	167

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55	Cytotoxicity and mitochondrial damage caused by silica nanoparticles. Toxicology in Vitro, 2011, 25, 1619-1629.	1.1	225
56	Plasma kinetics and biodistribution of water-soluble CdTe quantum dots in mice: a comparison between Cd and Te. Journal of Nanoparticle Research, 2011, 13, 5373-5380.	0.8	15
57	Enhancement of Antiproliferative and Proapoptotic Effects of Cadmium Chloride Combined with hSmac in Hepatocellular Carcinoma Cells. Chemotherapy, 2011, 57, 27-34.	0.8	9