

Jialiu Wei

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

761
citations

516561

16
h-index

610775

24
g-index

24
all docs

24
docs citations

24
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	Polystyrene microplastics cause cardiac fibrosis by activating Wnt/ β -catenin signaling pathway and promoting cardiomyocyte apoptosis in rats. <i>Environmental Pollution</i> , 2020, 265, 115025.	3.7	103
2	PM2.5 induces male reproductive toxicity via mitochondrial dysfunction, DNA damage and RIPK1 mediated apoptotic signaling pathway. <i>Science of the Total Environment</i> , 2018, 634, 1435-1444.	3.9	95
3	The impact of polystyrene microplastics on cardiomyocytes pyroptosis through NLRP3/Caspase-1 signaling pathway and oxidative stress in Wistar rats. <i>Environmental Toxicology</i> , 2021, 36, 935-944.	2.1	69
4	Fine particle matter disrupts the blood-testis barrier by activating TGF β 3/p38 MAPK pathway and decreasing testosterone secretion in rat. <i>Environmental Toxicology</i> , 2018, 33, 711-719.	2.1	54
5	Low-Dose Exposure of Silica Nanoparticles Induces Neurotoxicity via Neuroactive Ligand-Receptor Interaction Signaling Pathway in Zebrafish Embryos. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4407-4415.	3.3	49
6	Fine particulate matters induce apoptosis via the ATM/P53/CDK2 and mitochondria apoptosis pathway triggered by oxidative stress in rat and GC-2spd cell. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 280-287.	2.9	45
7	Silica nanoparticle exposure inducing granulosa cell apoptosis and follicular atresia in female Balb/c mice. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3423-3434.	2.7	38
8	Endosulfan induces autophagy and endothelial dysfunction via the AMPK/mTOR signaling pathway triggered by oxidative stress. <i>Environmental Pollution</i> , 2017, 220, 843-852.	3.7	35
9	Silica nanoparticles induce start inhibition of meiosis and cell cycle arrest via down-regulating meiotic relevant factors. <i>Toxicology Research</i> , 2016, 5, 1453-1464.	0.9	32
10	Silica nanoparticles exacerbates reproductive toxicity development in high-fat diet-treated Wistar rats. <i>Journal of Hazardous Materials</i> , 2020, 384, 121361.	6.5	32
11	Silica nanoparticles induce spermatocyte cell autophagy through microRNA-494 targeting AKT in GC-2spd cells. <i>Environmental Pollution</i> , 2019, 255, 113172.	3.7	26
12	Silica nanoparticles induce reversible damage of spermatogenic cells via RIPK1 signal pathways in C57 mice. <i>International Journal of Nanomedicine</i> , 2016, 11, 2251.	3.3	25
13	Silica nanoparticles induce abnormal mitosis and apoptosis via PKC-mediated negative signaling pathway in GC-2 cells of mice. <i>Chemosphere</i> , 2018, 208, 942-950.	4.2	22
14	miR-205/IRAK2 signaling pathway is associated with urban airborne PM _{2.5} -induced myocardial toxicity. <i>Nanotoxicology</i> , 2020, 14, 1198-1212.	1.6	22
15	Silica nanoparticles induce spermatocyte cell apoptosis through microRNA-2861 targeting death receptor pathway. <i>Chemosphere</i> , 2019, 228, 709-720.	4.2	18
16	Endosulfan activates the extrinsic coagulation pathway by inducing endothelial cell injury in rats. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15722-15730.	2.7	17
17	Endosulfan inducing apoptosis and necroptosis through activation RIPK signaling pathway in human umbilical vascular endothelial cells. <i>Environmental Science and Pollution Research</i> , 2017, 24, 215-225.	2.7	17
18	Endosulfan inhibits proliferation through the Notch signaling pathway in human umbilical vein endothelial cells. <i>Environmental Pollution</i> , 2017, 221, 26-36.	3.7	15

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19	Endosulfan induces cell dysfunction through cycle arrest resulting from DNA damage and DNA damage response signaling pathways. <i>Science of the Total Environment</i> , 2017, 589, 97-106.	3.9	12
20	Endosulfan induces cardiotoxicity through apoptosis via unbalance of pro-survival and mitochondrial-mediated apoptotic pathways. <i>Science of the Total Environment</i> , 2020, 727, 138790.	3.9	11
21	Maternal exposure to PM2.5 induces the testicular cell apoptosis in offspring triggered by the UPR-mediated JNK pathway. <i>Toxicology Research</i> , 2022, 11, 226-234.	0.9	8
22	Maternal exposure to fine particle matters cause autophagy via UPR-mediated PI3K-mTOR pathway in testicular tissue of adult male mice in offspring. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109943.	2.9	6
23	Silica nanoparticles induce unfolded protein reaction mediated apoptosis in spermatocyte cells. <i>Toxicology Research</i> , 2020, 9, 454-460.	0.9	5
24	Fat mass and obesity-associated gene (FTO) hypermethylation induced by decabromodiphenyl ethane causing cardiac dysfunction via glucolipid metabolism disorder. <i>Ecotoxicology and Environmental Safety</i> , 2022, 237, 113534.	2.9	5