

Xiaoru Chang

List of Publications by Year in descending order

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13
papers

487
citations

1040056

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1125743

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13
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556
citing authors

#	ARTICLE	IF	CITATIONS
1	Intermittent exposure to airborne particulate matter induces subcellular dysfunction and aortic cell damage in BALB/c mice through multi-endpoint assessment at environmentally relevant concentrations. <i>Journal of Hazardous Materials</i> , 2022, 424, 127169.	12.4	6
2	Urban fine particulate matter causes cardiac hypertrophy through calcium-mediated mitochondrial bioenergetics dysfunction in mice hearts and human cardiomyocytes. <i>Environmental Pollution</i> , 2022, 305, 119236.	7.5	4
3	Silver nanoparticles induced hippocampal neuronal damage involved in mitophagy, mitochondrial biogenesis and synaptic degeneration. <i>Food and Chemical Toxicology</i> , 2022, 166, 113227.	3.6	10
4	Neurotoxicity of metal-containing nanoparticles and implications in glial cells. <i>Journal of Applied Toxicology</i> , 2021, 41, 65-81.	2.8	41
5	Silver nanoparticles induced cytotoxicity in HT22 cells through autophagy and apoptosis via PI3K/AKT/mTOR signaling pathway. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111696.	6.0	60
6	Mitophagy lysosomal pathway is involved in silver nanoparticle-induced apoptosis in A549 cells. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111463.	6.0	30
7	Neurobehavior and neuron damage following prolonged exposure of silver nanoparticles with/without polyvinylpyrrolidone coating in <i>Caenorhabditis elegans</i> . <i>Journal of Applied Toxicology</i> , 2021, 41, 2055-2067.	2.8	12
8	The key role of autophagy in silver nanoparticle-induced BV2 cells inflammation and polarization. <i>Food and Chemical Toxicology</i> , 2021, 154, 112324.	3.6	8
9	The crosstalk between DRP1-dependent mitochondrial fission and oxidative stress triggers hepatocyte apoptosis induced by silver nanoparticles. <i>Nanoscale</i> , 2021, 13, 12356-12369.	5.6	18
10	Silver nanoparticles modulate mitochondrial dynamics and biogenesis in HepG2 cells. <i>Environmental Pollution</i> , 2020, 256, 113430.	7.5	64
11	Potential health impact of environmental micro- and nanoplastics pollution. <i>Journal of Applied Toxicology</i> , 2020, 40, 4-15.	2.8	165
12	Biodistribution and organ oxidative damage following 28 days oral administration of nanosilver with/without coating in mice. <i>Journal of Applied Toxicology</i> , 2020, 40, 815-831.	2.8	30
13	The impact on T-regulatory cell related immune responses in rural women exposed to polycyclic aromatic hydrocarbons (PAHs) in household air pollution in Gansu, China: A pilot investigation. <i>Environmental Research</i> , 2019, 173, 306-317.	7.5	39