

Jun Zhang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

712
citations

16
h-index

25
g-index

50
ext. papers

1,065
ext. citations

6.3
avg, IF

4.12
L-index

| # | Paper | IF | Citations |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 49 | Zinc oxide nanoparticles harness autophagy to induce cell death in lung epithelial cells. <i>Cell Death and Disease</i> , 2017 , 8, e2954 | 9.8 | 92 |
| 48 | Lysosomal deposition of copper oxide nanoparticles triggers HUVEC cells death. <i>Biomaterials</i> , 2018 , 161, 228-239 | 15.6 | 51 |
| 47 | The size of zinc oxide nanoparticles controls its toxicity through impairing autophagic flux in A549 lung epithelial cells. <i>Toxicology Letters</i> , 2018 , 285, 51-59 | 4.4 | 41 |
| 46 | Inhibition of BmNPV replication in silkworm cells using inducible and regulated artificial microRNA precursors targeting the essential viral gene lef-11. <i>Antiviral Research</i> , 2014 , 104, 143-52 | 10.8 | 38 |
| 45 | Establishment of a highly efficient virus-inducible CRISPR/Cas9 system in insect cells. <i>Antiviral Research</i> , 2016 , 130, 50-7 | 10.8 | 36 |
| 44 | Autophagy-dependent release of zinc ions is critical for acute lung injury triggered by zinc oxide nanoparticles. <i>Nanotoxicology</i> , 2018 , 12, 1068-1091 | 5.3 | 31 |
| 43 | Ferritinophagy is involved in the zinc oxide nanoparticles-induced ferroptosis of vascular endothelial cells. <i>Autophagy</i> , 2021 , 1-20 | 10.2 | 28 |
| 42 | TNF- α regulates the proteolytic degradation of ST6Gal-1 and endothelial cell-cell junctions through upregulating expression of BACE1. <i>Scientific Reports</i> , 2017 , 7, 40256 | 4.9 | 27 |
| 41 | Arsenite induces testicular oxidative stress in vivo and in vitro leading to ferroptosis. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 194, 110360 | 7 | 27 |
| 40 | Astragaloside IV attenuates the H ₂ O ₂ -induced apoptosis of neuronal cells by inhibiting β -synuclein expression via the p38 MAPK pathway. <i>International Journal of Molecular Medicine</i> , 2017 , 40, 1772-1780 | 4.4 | 24 |
| 39 | Bombyx mori nucleopolyhedrovirus ORF79 is a per os infectivity factor associated with the PIF complex. <i>Virus Research</i> , 2014 , 184, 62-70 | 6.4 | 24 |
| 38 | Disruption of the superoxide anions-mitophagy regulation axis mediates copper oxide nanoparticles-induced vascular endothelial cell death. <i>Free Radical Biology and Medicine</i> , 2018 , 129, 268-278 | 7.8 | 23 |
| 37 | Lysophosphatidic acid directly induces macrophage-derived foam cell formation by blocking the expression of SRBI. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 491, 587-594 | 3.4 | 21 |
| 36 | Copper Oxide Nanoparticles Induce Oxidative DNA Damage and Cell Death via Copper Ion-Mediated P38 MAPK Activation in Vascular Endothelial Cells. <i>International Journal of Nanomedicine</i> , 2020 , 15, 3291-3302 | 7.3 | 20 |
| 35 | Titanium dioxide nanoparticles via oral exposure leads to adverse disturbance of gut microecology and locomotor activity in adult mice. <i>Archives of Toxicology</i> , 2020 , 94, 1173-1190 | 5.8 | 20 |
| 34 | Geniposide against atherosclerosis by inhibiting the formation of foam cell and lowering reverse lipid transport via p38/MAPK signaling pathways. <i>European Journal of Pharmacology</i> , 2019 , 864, 172728 | 5.3 | 19 |
| 33 | LAMP-2 mediates oxidative stress-dependent cell death in Zn-treated lung epithelium cells. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 488, 177-181 | 3.4 | 15 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 32 | Oligomerization of Baculovirus LEF-11 Is Involved in Viral DNA Replication. <i>PLoS ONE</i> , 2015 , 10, e01449307 | 3.7 | 14 |
| 31 | Zinc Oxide Nanoparticles Induce Ferroptotic Neuronal Cell Death in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2020 , 15, 5299-5315 | 7.3 | 13 |
| 30 | ST6GAL1 negatively regulates monocyte transendothelial migration and atherosclerosis development. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 500, 249-255 | 3.4 | 12 |
| 29 | Chitosan oligosaccharides enhance lipid droplets via down-regulation of PCSK9 gene expression in HepG2 cells. <i>Experimental Cell Research</i> , 2018 , 366, 152-160 | 4.2 | 12 |
| 28 | Arsenite induces ferroptosis in the neuronal cells via activation of ferritinophagy. <i>Food and Chemical Toxicology</i> , 2021 , 151, 112114 | 4.7 | 12 |
| 27 | Identification of a novel nuclear localization signal of baculovirus late expression factor 11. <i>Virus Research</i> , 2014 , 184, 111-9 | 6.4 | 11 |
| 26 | Differential susceptibilities to BmNPV infection of two cell lines derived from the same silkworm ovarian tissues. <i>PLoS ONE</i> , 2014 , 9, e105986 | 3.7 | 10 |
| 25 | Heterozygous disruption of beclin 1 mitigates arsenite-induced neurobehavioral deficits via reshaping gut microbiota-brain axis. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122748 | 12.8 | 10 |
| 24 | Screening and optimization of an efficient <i>Bombyx mori</i> nucleopolyhedrovirus inducible promoter. <i>Journal of Biotechnology</i> , 2016 , 231, 72-80 | 3.7 | 8 |
| 23 | Pregnancy exposure to carbon black nanoparticles induced neurobehavioral deficits that are associated with altered mA modification in offspring. <i>NeuroToxicology</i> , 2020 , 81, 40-50 | 4.4 | 8 |
| 22 | The α ,3-fucosyltransferase FUT7 regulates IL-1 β -induced monocyte-endothelial adhesion via fucosylation of endomucin. <i>Life Sciences</i> , 2018 , 192, 231-237 | 6.8 | 8 |
| 21 | Pregnancy exposure to carbon black nanoparticles exacerbates bleomycin-induced lung fibrosis in offspring via disrupting LKB1-AMPK-ULK1 axis-mediated autophagy. <i>Toxicology</i> , 2019 , 425, 152244 | 4.4 | 7 |
| 20 | Silicon dioxide nanoparticles induced neurobehavioral impairments by disrupting microbiota-gut-brain axis. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 174 | 9.4 | 6 |
| 19 | The role of UNC5b in ox-LDL inhibiting migration of RAW264.7 macrophages and the involvement of CCR7. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 637-643 | 3.4 | 6 |
| 18 | Lysophosphatidic acid decreased macrophage foam cell migration correlated with downregulation of fucosyltransferase 8 via HNF1 β . <i>Atherosclerosis</i> , 2019 , 290, 19-30 | 3.1 | 5 |
| 17 | The NADPH oxidase 4 protects vascular endothelial cells from copper oxide nanoparticles-induced oxidative stress and cell death. <i>Life Sciences</i> , 2020 , 252, 117571 | 6.8 | 5 |
| 16 | Gut-brain communication in hyperfunction of 5-hydroxytryptamine induced by oral zinc oxide nanoparticles exposure in young mice. <i>Food and Chemical Toxicology</i> , 2020 , 135, 110906 | 4.7 | 5 |
| 15 | MitF is Associated with Chemoresistance to Cisplatin in A549 Lung Cancer Cells via Modulating Lysosomal Biogenesis and Autophagy. <i>Cancer Management and Research</i> , 2020 , 12, 6563-6573 | 3.6 | 5 |

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| 14 | Novel osteogenic growth peptide C-terminal pentapeptide grafted poly(d,l-lactic acid) improves the proliferation and differentiation of osteoblasts: The potential bone regenerative biomaterial. <i>International Journal of Biological Macromolecules</i> , 2018 , 119, 874-881 | 7.9 | 4 |
| 13 | Autophagy deficiency exacerbates acute lung injury induced by copper oxide nanoparticles. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 162 | 9.4 | 4 |
| 12 | Heterozygous Disruption of Alleviates Zinc Oxide Nanoparticles-Induced Disturbance of Cholesterol Biosynthesis in Mouse Liver. <i>International Journal of Nanomedicine</i> , 2019 , 14, 9865-9875 | 7.3 | 4 |
| 11 | The lysosomal membrane protein LAMP-2 is dispensable for PINK1/Parkin-mediated mitophagy. <i>FEBS Letters</i> , 2020 , 594, 823-840 | 3.8 | 2 |
| 10 | Stabilization of Nrf2 leading to HO-1 activation protects against zinc oxide nanoparticles-induced endothelial cell death. <i>Nanotoxicology</i> , 2021 , 15, 779-797 | 5.3 | 2 |
| 9 | iTRAQ-based quantitative proteomics analysis of the potential application of secretoneurin gene therapy for cardiac hypertrophy induced by DL-isoproterenol hydrochloride in mice. <i>International Journal of Molecular Medicine</i> , 2020 , 45, 793-804 | 4.4 | 1 |
| 8 | Recombinant ACE2 protein protects against acute lung injury induced by SARS-CoV-2 spike RBD protein. <i>Critical Care</i> , 2022 , 26, | 10.8 | 1 |
| 7 | Downregulation of beclin 1 restores arsenite-induced impaired autophagic flux by improving the lysosomal function in the brain.. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 229, 113066 | 7 | 0 |
| 6 | Pulmonary Exposure to Copper Oxide Nanoparticles Leads to Neurotoxicity via Oxidative Damage and Mitochondrial Dysfunction. <i>Neurotoxicity Research</i> , 2021 , 39, 1160-1170 | 4.3 | 0 |
| 5 | Exposure to carbon black nanoparticles during pregnancy aggravates lipopolysaccharide-induced lung injury in offspring: an intergenerational effect. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L900-L911 | 5.8 | 0 |
| 4 | PINK1/TAX1BP1-directed mitophagy attenuates vascular endothelial injury induced by copper oxide nanoparticles.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 149 | 9.4 | 0 |
| 3 | Repression of autophagy leads to acrosome biogenesis disruption caused by a sub-chronic oral administration of polystyrene nanoparticles.. <i>Environment International</i> , 2022 , 163, 107220 | 12.9 | 0 |
| 2 | A Potential Participant in Type 2 Diabetes Bone Fragility: TIMP-1 at Sites of Osteocyte Lacunar-Canalicular System.. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021 , 14, 4903-4909 | 3.4 | 0 |
| 1 | Maternal urban particulate matter exposure and signaling pathways in fetal brains and neurobehavioral development in offspring. <i>Toxicology</i> , 2022 , 474, 153225 | 4.4 | |