

# Jun Zhang

## List of Publications by Year in Descending Order

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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	PINK1/TAX1BP1-directed mitophagy attenuates vascular endothelial injury induced by copper oxide nanoparticles.. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 149	9.4	0
48	Repression of autophagy leads to acrosome biogenesis disruption caused by a sub-chronic oral administration of polystyrene nanoparticles.. <i>Environment International</i> , <b>2022</b> , 163, 107220	12.9	0
47	Maternal urban particulate matter exposure and signaling pathways in fetal brains and neurobehavioral development in offspring. <i>Toxicology</i> , <b>2022</b> , 474, 153225	4.4	
46	Recombinant ACE2 protein protects against acute lung injury induced by SARS-CoV-2 spike RBD protein. <i>Critical Care</i> , <b>2022</b> , 26,	10.8	1
45	Downregulation of beclin 1 restores arsenite-induced impaired autophagic flux by improving the lysosomal function in the brain.. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 229, 113066	7	0
44	Ferritinophagy is involved in the zinc oxide nanoparticles-induced ferroptosis of vascular endothelial cells. <i>Autophagy</i> , <b>2021</b> , 1-20	10.2	28
43	Pulmonary Exposure to Copper Oxide Nanoparticles Leads to Neurotoxicity via Oxidative Damage and Mitochondrial Dysfunction. <i>Neurotoxicity Research</i> , <b>2021</b> , 39, 1160-1170	4.3	0
42	Arsenite induces ferroptosis in the neuronal cells via activation of ferritinophagy. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 151, 112114	4.7	12
41	Stabilization of Nrf2 leading to HO-1 activation protects against zinc oxide nanoparticles-induced endothelial cell death. <i>Nanotoxicology</i> , <b>2021</b> , 15, 779-797	5.3	2
40	Autophagy deficiency exacerbates acute lung injury induced by copper oxide nanoparticles. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 162	9.4	4
39	Silicon dioxide nanoparticles induced neurobehavioral impairments by disrupting microbiota-gut-brain axis. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 174	9.4	6
38	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> , <b>2021</b> , 321, L900-L911	5.8	0
37	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> , <b>2021</b> , 14, 4903-4909	3.4	0
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> , <b>2020</b> , 15, 3291-3302	7.3	20
35	Arsenite induces testicular oxidative stress in vivo and in vitro leading to ferroptosis. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 194, 110360	7	27
34	The NADPH oxidase 4 protects vascular endothelial cells from copper oxide nanoparticles-induced oxidative stress and cell death. <i>Life Sciences</i> , <b>2020</b> , 252, 117571	6.8	5
33	Titanium dioxide nanoparticles via oral exposure leads to adverse disturbance of gut microecology and locomotor activity in adult mice. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 1173-1190	5.8	20

32	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> , <b>2020</b> , 45, 793-804	4.4	1
31	Heterozygous disruption of beclin 1 mitigates arsenite-induced neurobehavioral deficits via reshaping gut microbiota-brain axis. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 398, 122748	12.8	10
30	The lysosomal membrane protein LAMP-2 is dispensable for PINK1/Parkin-mediated mitophagy. <i>FEBS Letters</i> , <b>2020</b> , 594, 823-840	3.8	2
29	Gut-brain communication in hyperfunction of 5-hydroxytryptamine induced by oral zinc oxide nanoparticles exposure in young mice. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 135, 110906	4.7	5
28	MiTF is Associated with Chemoresistance to Cisplatin in A549 Lung Cancer Cells via Modulating Lysosomal Biogenesis and Autophagy. <i>Cancer Management and Research</i> , <b>2020</b> , 12, 6563-6573	3.6	5
27	Zinc Oxide Nanoparticles Induce Ferroptotic Neuronal Cell Death in vitro and in vivo. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 5299-5315	7.3	13
26	Pregnancy exposure to carbon black nanoparticles induced neurobehavioral deficits that are associated with altered mA modification in offspring. <i>NeuroToxicology</i> , <b>2020</b> , 81, 40-50	4.4	8
25	Lysophosphatidic acid decreased macrophage foam cell migration correlated with downregulation of fucosyltransferase 8 via HNF1α. <i>Atherosclerosis</i> , <b>2019</b> , 290, 19-30	3.1	5
24	Pregnancy exposure to carbon black nanoparticles exacerbates bleomycin-induced lung fibrosis in offspring via disrupting LKB1-AMPK-ULK1 axis-mediated autophagy. <i>Toxicology</i> , <b>2019</b> , 425, 152244	4.4	7
23	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> , <b>2019</b> , 864, 172728	5.3	19
22	Heterozygous Disruption of Alleviates Zinc Oxide Nanoparticles-Induced Disturbance of Cholesterol Biosynthesis in Mouse Liver. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 9865-9875	7.3	4
21	ST6GAL1 negatively regulates monocyte transendothelial migration and atherosclerosis development. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 500, 249-255	3.4	12
20	Lysosomal deposition of copper oxide nanoparticles triggers HUVEC cells death. <i>Biomaterials</i> , <b>2018</b> , 161, 228-239	15.6	51
19	The size of zinc oxide nanoparticles controls its toxicity through impairing autophagic flux in A549 lung epithelial cells. <i>Toxicology Letters</i> , <b>2018</b> , 285, 51-59	4.4	41
18	Chitosan oligosaccharides enhance lipid droplets via down-regulation of PCSK9 gene expression in HepG2 cells. <i>Experimental Cell Research</i> , <b>2018</b> , 366, 152-160	4.2	12
17	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> , <b>2018</b> , 119, 874-881	7.9	4
16	The α,3-fucosyltransferase FUT7 regulates IL-1β-induced monocyte-endothelial adhesion via fucosylation of endomucin. <i>Life Sciences</i> , <b>2018</b> , 192, 231-237	6.8	8
15	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> , <b>2018</b> , 505, 637-643	3.4	6

14	Disruption of the superoxide anions-mitophagy regulation axis mediates copper oxide nanoparticles-induced vascular endothelial cell death. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 129, 268-278	7.8	23
13	Autophagy-dependent release of zinc ions is critical for acute lung injury triggered by zinc oxide nanoparticles. <i>Nanotoxicology</i> , <b>2018</b> , 12, 1068-1091	5.3	31
12	TNF- $\alpha$ regulates the proteolytic degradation of ST6Gal-1 and endothelial cell-cell junctions through upregulating expression of BACE1. <i>Scientific Reports</i> , <b>2017</b> , 7, 40256	4.9	27
11	LAMP-2 mediates oxidative stress-dependent cell death in Zn-treated lung epithelium cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 488, 177-181	3.4	15
10	Astragaloside IV attenuates the H <sub>2</sub> O <sub>2</sub> -induced apoptosis of neuronal cells by inhibiting $\beta$ -synuclein expression via the p38 MAPK pathway. <i>International Journal of Molecular Medicine</i> , <b>2017</b> , 40, 1772-1780	4.4	24
9	Zinc oxide nanoparticles harness autophagy to induce cell death in lung epithelial cells. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2954	9.8	92
8	Lysophosphatidic acid directly induces macrophage-derived foam cell formation by blocking the expression of SRBI. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 491, 587-594	3.4	21
7	Screening and optimization of an efficient Bombyx mori nucleopolyhedrovirus inducible promoter. <i>Journal of Biotechnology</i> , <b>2016</b> , 231, 72-80	3.7	8
6	Establishment of a highly efficient virus-inducible CRISPR/Cas9 system in insect cells. <i>Antiviral Research</i> , <b>2016</b> , 130, 50-7	10.8	36
5	Oligomerization of Baculovirus LEF-11 Is Involved in Viral DNA Replication. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144930	3.7	14
4	Identification of a novel nuclear localization signal of baculovirus late expression factor 11. <i>Virus Research</i> , <b>2014</b> , 184, 111-9	6.4	11
3	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> , <b>2014</b> , 104, 143-52	10.8	38
2	Bombyx mori nucleopolyhedrovirus ORF79 is a per os infectivity factor associated with the PIF complex. <i>Virus Research</i> , <b>2014</b> , 184, 62-70	6.4	24
1	Differential susceptibilities to BmNPV infection of two cell lines derived from the same silkworm ovarian tissues. <i>PLoS ONE</i> , <b>2014</b> , 9, e105986	3.7	10