

# Fang Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,640  
citations

304743

22  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2596  
citing authors

#	ARTICLE	IF	CITATIONS
1	PM <sub>2.5</sub> -induced oxidative stress triggers autophagy in human lung epithelial A549 cells. <i>Toxicology in Vitro</i> , 2013, 27, 1762-1770.	2.4	325
2	PM <sub>2.5</sub> -induced oxidative stress increases adhesion molecules expression in human endothelial cells through the ERK/AKT/NF- $\kappa$ B-dependent pathway. <i>Journal of Applied Toxicology</i> , 2016, 36, 48-59.	2.8	173
3	ZnO nanoparticle-induced oxidative stress triggers apoptosis by activating JNK signaling pathway in cultured primary astrocytes. <i>Nanoscale Research Letters</i> , 2014, 9, 117.	5.7	133
4	Airborne fine particulate matter induces multiple cell death pathways in human lung epithelial cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 1099-1112.	4.9	122
5	Direct effects of airborne PM <sub>2.5</sub> exposure on macrophage polarizations. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2835-2843.	2.4	93
6	2-Deoxy-d-Glucose Treatment Decreases Anti-inflammatory M2 Macrophage Polarization in Mice with Tumor and Allergic Airway Inflammation. <i>Frontiers in Immunology</i> , 2017, 8, 637.	4.8	70
7	AMPK $\pm$ 2 deficiency exacerbates long-term PM <sub>2.5</sub> exposure-induced lung injury and cardiac dysfunction. <i>Free Radical Biology and Medicine</i> , 2018, 121, 202-214.	2.9	67
8	Perfluorooctane sulphonate induces oxidative hepatic damage via mitochondria-dependent and NF- $\kappa$ B/TNF- $\alpha$ -mediated pathway. <i>Chemosphere</i> , 2018, 191, 1056-1064.	8.2	57
9	Effects of vanadium (III, IV, V)-chlorodipicolinate on glycolysis and antioxidant status in the liver of STZ-induced diabetic rats. <i>Journal of Inorganic Biochemistry</i> , 2014, 136, 47-56.	3.5	55
10	Metformin protects against PM <sub>2.5</sub> -induced lung injury and cardiac dysfunction independent of AMP-activated protein kinase $\pm$ 2. <i>Redox Biology</i> , 2020, 28, 101345.	9.0	53
11	Effect of perfluorooctane sulphonate-induced Kupffer cell activation on hepatocyte proliferation through the NF- $\kappa$ B/TNF- $\alpha$ /IL-6-dependent pathway. <i>Chemosphere</i> , 2018, 200, 283-294.	8.2	51
12	Role of miR-155 in fluorooctane sulfonate-induced oxidative hepatic damage via the Nrf2-dependent pathway. <i>Toxicology and Applied Pharmacology</i> , 2016, 295, 85-93.	2.8	47
13	Ovarian Dysfunction Induced by Chronic Whole-Body PM <sub>2.5</sub> Exposure. <i>Small</i> , 2020, 16, e2000845.	10.0	45
14	Airborne PM <sub>2.5</sub> -Induced Hepatic Insulin Resistance by Nrf2/JNK-Mediated Signaling Pathway. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 787.	2.6	42
15	Epitranscriptomic 5-Methylcytosine Profile in PM <sub>2.5</sub> -induced Mouse Pulmonary Fibrosis. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 41-51.	6.9	41
16	Urban airborne PM <sub>2.5</sub> -activated microglia mediate neurotoxicity through glutaminase-containing extracellular vesicles in olfactory bulb. <i>Environmental Pollution</i> , 2020, 264, 114716.	7.5	36
17	MiR-146a regulates PM <sub>1</sub> -induced inflammation via NF- $\kappa$ B signaling pathway in BEAS-2B cells. <i>Environmental Toxicology</i> , 2018, 33, 743-751.	4.0	33
18	TMT-Based Quantitative Proteomics Analysis Reveals Airborne PM <sub>2.5</sub> -Induced Pulmonary Fibrosis. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 98.	2.6	32

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19	Effects of Size-Fractionated Particulate Matter on Cellular Oxidant Radical Generation in Human Bronchial Epithelial BEAS-2B Cells. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 483.	2.6	31
20	Comparative study of the effects of PM1-induced oxidative stress on autophagy and surfactant protein B and C expressions in lung alveolar type II epithelial MLE-12 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2782-2792.	2.4	27
21	Indirect effect of PM1 on endothelial cells via inducing the release of respiratory inflammatory cytokines. <i>Toxicology in Vitro</i> , 2019, 57, 203-210.	2.4	27
22	Vanadium(IV)-chlorodipicolinate inhibits 3T3-L1 preadipocyte adipogenesis by activating LKB1/AMPK signaling pathway. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 1-8.	3.5	24
23	Nrf2 deficiency exacerbates PM2.5-induced olfactory bulb injury. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 1154-1160.	2.1	22
24	Vanadium(IV)-chlorodipicolinate alleviates hepatic lipid accumulation by inducing autophagy via the LKB1/AMPK signaling pathway in vitro and in vivo. <i>Journal of Inorganic Biochemistry</i> , 2018, 183, 66-76.	3.5	19
25	Oxidovanadium(IV) sulfate-induced glucose uptake in HepG2 cells through IR/Akt pathway and hydroxyl radicals. <i>Journal of Inorganic Biochemistry</i> , 2015, 149, 39-44.	3.5	12
26	Vanadium(IV)-Chlorodipicolinate Protects against Hepatic Steatosis by Ameliorating Lipid Peroxidation, Endoplasmic Reticulum Stress, and Inflammation. <i>Antioxidants</i> , 2022, 11, 1093.	5.1	3