

Jinzhao Zhao

List of Publications by Year in descending order

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papers

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361413

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#	ARTICLE	IF	CITATIONS
1	Long-Term Exposure to Concentrated Ambient PM _{2.5} Increases Mouse Blood Pressure through Abnormal Activation of the Sympathetic Nervous System: A Role for Hypothalamic Inflammation. <i>Environmental Health Perspectives</i> , 2014, 122, 79-86.	6.0	161
2	The biological effects of individual-level PM _{2.5} exposure on systemic immunity and inflammatory response in traffic policemen. <i>Occupational and Environmental Medicine</i> , 2013, 70, 426-431.	2.8	113
3	Acute effects of air pollution on asthma hospitalization in Shanghai, China. <i>Environmental Pollution</i> , 2014, 191, 139-144.	7.5	94
4	Rat lung response to ozone and fine particulate matter (PM _{2.5}) exposures. <i>Environmental Toxicology</i> , 2015, 30, 343-356.	4.0	91
5	Air pollution is associated with the development of atherosclerosis via the cooperation of CD36 and NLRP3 inflammasome in ApoE ^{-/-} mice. <i>Toxicology Letters</i> , 2018, 290, 123-132.	0.8	74
6	Effect of Vitamin E and Omega-3 Fatty Acids on Protecting Ambient PM _{2.5} -Induced Inflammatory Response and Oxidative Stress in Vascular Endothelial Cells. <i>PLoS ONE</i> , 2016, 11, e0152216.	2.5	69
7	Effects of Fine Particulate Matter (PM _{2.5}) on Systemic Oxidative Stress and Cardiac Function in ApoE ^{-/-} Mice. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 484.	2.6	59
8	Effects of Ambient Fine Particles PM _{2.5} on Human HaCaT Cells. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 72.	2.6	53
9	Traffic-related air pollution is associated with cardio-metabolic biomarkers in general residents. <i>International Archives of Occupational and Environmental Health</i> , 2016, 89, 911-921.	2.3	46
10	Combined effects of vitamin E and omega-3 fatty acids on protecting ambient PM _{2.5} -induced cardiovascular injury in rats. <i>Chemosphere</i> , 2017, 173, 14-21.	8.2	44
11	Fine particulate matter-induced cardiovascular injury is associated with NLRP3 inflammasome activation in ApoE ^{-/-} mice. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 92-99.	6.0	40
12	Preexposure to PM _{2.5} exacerbates acute viral myocarditis associated with Th17 cell. <i>International Journal of Cardiology</i> , 2013, 168, 3837-3845.	1.7	34
13	AMPK activation attenuates inflammatory response to reduce ambient PM _{2.5} -induced metabolic disorders in healthy and diabetic mice. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 290-300.	6.0	34
14	Functional titanium dioxide nanoparticle conjugated with phthalocyanine and folic acid as a promising photosensitizer for targeted photodynamic therapy in vitro and in vivo. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 215, 112122.	3.8	30
15	Acute effects of fine particles on cardiovascular system: Differences between the spontaneously hypertensive rats and wistar kyoto rats. <i>Toxicology Letters</i> , 2010, 193, 50-60.	0.8	28
16	Investigation of selenium pretreatment in the attenuation of lung injury in rats induced by fine particulate matters. <i>Environmental Science and Pollution Research</i> , 2017, 24, 4008-4017.	5.3	24
17	Metabolomics analysis of urine from healthy wild type mice exposed to ambient PM _{2.5} . <i>Science of the Total Environment</i> , 2020, 714, 136790.	8.0	24
18	PM _{2.5} exposure and cold stress exacerbates asthma in mice by increasing histone acetylation in IL-4 gene promoter in CD4 ⁺ T cells. <i>Toxicology Letters</i> , 2019, 316, 147-153.	0.8	23

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19	Imbalance of Th1 and Th2 cells in cardiac injury induced by ambient fine particles. <i>Toxicology Letters</i> , 2012, 208, 225-231.	0.8	22
20	The protective effects of selenium supplementation on ambient PM _{2.5} -induced cardiovascular injury in rats. <i>Environmental Science and Pollution Research</i> , 2018, 25, 22153-22162.	5.3	22
21	Preliminary study to explore gene-PM _{2.5} interactive effects on respiratory system in traffic policemen. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2015, 28, 971-983.	1.3	22
22	Exposure to concentrated ambient PM _{2.5} (CAPM) induces intestinal disturbance via inflammation and alternation of gut microbiome. <i>Environment International</i> , 2022, 161, 107138.	10.0	22
23	Individual PM _{2.5} exposure is associated with the impairment of cardiac autonomic modulation in general residents. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10255-10261.	5.3	20
24	CARD9-mediated ambient PM _{2.5} -induced pulmonary injury is associated with Th17 cell. <i>Toxicology Letters</i> , 2017, 273, 36-43.	0.8	20
25	Treg responses are associated with PM _{2.5} -induced exacerbation of viral myocarditis. <i>Inhalation Toxicology</i> , 2015, 27, 281-286.	1.6	19
26	Fine Particulate Matter (PM _{2.5}) upregulates expression of Inflammasome NLRP1 via ROS/NF- κ B signaling in HaCaT Cells. <i>International Journal of Medical Sciences</i> , 2020, 17, 2200-2206.	2.5	17
27	Parental PM _{2.5} Exposure-Promoted Development of Metabolic Syndrome in Offspring Is Associated With the Changes of Immune Microenvironment. <i>Toxicological Sciences</i> , 2019, 170, 415-426.	3.1	16
28	The essential function of CARD9 in diet-induced inflammation and metabolic disorders in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2993-3004.	3.6	15
29	Effects of atorvastatin on fine particle-induced inflammatory response, oxidative stress and endothelial function in human umbilical vein endothelial cells. <i>Human and Experimental Toxicology</i> , 2011, 30, 1828-1839.	2.2	14
30	IKK inhibition prevents PM _{2.5} -exacerbated cardiac injury in mice with type 2 diabetes. <i>Journal of Environmental Sciences</i> , 2015, 31, 98-103.	6.1	14
31	The severity of lung injury and metabolic disorders induced by ambient PM _{2.5} exposure is associated with cumulative dose. <i>Inhalation Toxicology</i> , 2018, 30, 239-246.	1.6	13
32	Ambient fine particulate matter induced the elevation of blood pressure through ACE2/Ang(1-7) pathway: The evidence from urine metabolites. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 111044.	6.0	13
33	Ambient PM particles reach mouse brain, generate ultrastructural hallmarks of neuroinflammation, and stimulate amyloid deposition, tangles, and plaque formation. <i>Talanta Open</i> , 2020, 2, 100013.	3.7	11
34	Ambient PM _{2.5} -induced brain injury is associated with the activation of PI3K/AKT/FoxO1 pathway. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	5.3	11
35	NLRP3 inflammasome is involved in ambient PM _{2.5} -related metabolic disorders in diabetic model mice but not in wild-type mice. <i>Inhalation Toxicology</i> , 2021, 33, 260-267.	1.6	11
36	AMPK activation ameliorates fine particulate matter-induced hepatic injury. <i>Environmental Science and Pollution Research</i> , 2020, 27, 21311-21319.	5.3	8

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37	Parental $\text{PM}_{2.5}$ exposure changes Th17/Treg cells in offspring, is associated with the elevation of blood pressure. <i>Environmental Toxicology</i> , 2021, 36, 1152-1161.	4.0	8
38	Childhood CO_2 exposure of cold stress and $\text{PM}_{2.5}$ aggravates the susceptibility and severity of asthma in adulthood of mice. <i>Environmental Toxicology</i> , 2021, 36, 177-184.	4.0	6
39	Overlooked Significant Impact of Trace Metals on the Bacterial Community of $\text{PM}_{2.5}$ in High-Time Resolution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035408.	3.3	3