

Yun Zhou

List of Publications by Year in descending order

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100
papers

2,577
citations

201674

27
h-index

243625

44
g-index

104
all docs

104
docs citations

104
times ranked

2883
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Term Exposure to Ambient Air Pollution and Asthma Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 24-32.	5.6	166
2	Short-Term Exposure to Ambient Air Pollution and Mortality From Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2021, 77, 271-281.	2.8	110
3	The Wuhan-Zhuhai (WHZH) cohort study of environmental air particulate matter and the pathogenesis of cardiopulmonary diseases: study design, methods and baseline characteristics of the cohort. <i>BMC Public Health</i> , 2014, 14, 994.	2.9	98
4	Urinary Polycyclic Aromatic Hydrocarbon Metabolites and Altered Lung Function in Wuhan, China. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 835-846.	5.6	97
5	Neutralization of interleukin-1 beta attenuates silica-induced lung inflammation and fibrosis in C57BL/6 mice. <i>Archives of Toxicology</i> , 2013, 87, 1963-1973.	4.2	92
6	Association between ambient particulate matter exposure and semen quality in Wuhan, China. <i>Environment International</i> , 2017, 98, 219-228.	10.0	78
7	Short-term effects of ambient air pollution on pediatric outpatient visits for respiratory diseases in Yichang city, China. <i>Environmental Pollution</i> , 2017, 227, 116-124.	7.5	71
8	Association of polycyclic aromatic hydrocarbons exposure with atherosclerotic cardiovascular disease risk: A role of mean platelet volume or club cell secretory protein. <i>Environmental Pollution</i> , 2018, 233, 45-53.	7.5	70
9	Dose-response relationship between polycyclic aromatic hydrocarbon metabolites and risk of diabetes in the general Chinese population. <i>Environmental Pollution</i> , 2014, 195, 24-30.	7.5	69
10	Association of Exposure to Ambient Fine Particulate Matter Constituents With Semen Quality Among Men Attending a Fertility Center in China. <i>Environmental Science & Technology</i> , 2019, 53, 5957-5965.	10.0	66
11	Association between BMI and semen quality: an observational study of 3966 sperm donors. <i>Human Reproduction</i> , 2019, 34, 155-162.	0.9	60
12	Oxidative DNA damage mediates the association between urinary metals and prevalence of type 2 diabetes mellitus in Chinese adults. <i>Science of the Total Environment</i> , 2018, 627, 1327-1333.	8.0	55
13	Acrylamide Exposure and Oxidative DNA Damage, Lipid Peroxidation, and Fasting Plasma Glucose Alteration: Association and Mediation Analyses in Chinese Urban Adults. <i>Diabetes Care</i> , 2020, 43, 1479-1486.	8.6	54
14	Dose-response relationship between urinary polycyclic aromatic hydrocarbons metabolites and urinary 8-hydroxy-2'-deoxyguanosine in a Chinese general population. <i>Chemosphere</i> , 2017, 174, 506-514.	8.2	53
15	Effects of environmental and lifestyle exposures on urinary levels of polycyclic aromatic hydrocarbon metabolites: A cross-sectional study of urban adults in China. <i>Chemosphere</i> , 2020, 240, 124898.	8.2	51
16	Personal exposure to PM2.5-bound polycyclic aromatic hydrocarbons and lung function alteration: Results of a panel study in China. <i>Science of the Total Environment</i> , 2019, 684, 458-465.	8.0	47
17	Associations between essential metals exposure and metabolic syndrome (MetS): Exploring the mediating role of systemic inflammation in a general Chinese population. <i>Environment International</i> , 2020, 140, 105802.	10.0	45
18	Association between ambient temperature and semen quality: A longitudinal study of 10 802 men in China. <i>Environment International</i> , 2020, 135, 105364.	10.0	40

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19	Long-term effect of personal PM2.5 exposure on lung function: A panel study in China. <i>Journal of Hazardous Materials</i> , 2020, 393, 122457.	12.4	40
20	Inverse Association between Ambient Sulfur Dioxide Exposure and Semen Quality in Wuhan, China. <i>Environmental Science & Technology</i> , 2017, 51, 12806-12814.	10.0	39
21	Association of lung function with cardiovascular risk: a cohort study. <i>Respiratory Research</i> , 2018, 19, 214.	3.6	36
22	Association between Concentrations of Metals in Urine and Adult Asthma: A Case-Control Study in Wuhan, China. <i>PLoS ONE</i> , 2016, 11, e0155818.	2.5	36
23	Cadmium exposure, fasting blood glucose changes, and type 2 diabetes mellitus: A longitudinal prospective study in China. <i>Environmental Research</i> , 2021, 192, 110259.	7.5	34
24	Short-term Effects of Outdoor Air Pollution on Lung Function among Female Non-smokers in China. <i>Scientific Reports</i> , 2016, 6, 34947.	3.3	33
25	COPD and levels of Hsp70 (HSPA1A) and Hsp27 (HSPB1) in plasma and lymphocytes among coal workers: a case-control study. <i>Cell Stress and Chaperones</i> , 2015, 20, 473-481.	2.9	30
26	Exposure to polycyclic aromatic hydrocarbons and central obesity enhanced risk for diabetes among individuals with poor lung function. <i>Chemosphere</i> , 2017, 185, 1136-1143.	8.2	29
27	Personal PM2.5 exposure and lung function: Potential mediating role of systematic inflammation and oxidative damage in urban adults from the general population. <i>Science of the Total Environment</i> , 2021, 755, 142522.	8.0	29
28	CD28 family of receptors on T cells in chronic HBV infection: Expression characteristics, clinical significance and correlations with PD-1 blockade. <i>Molecular Medicine Reports</i> , 2016, 14, 1107-1116.	2.4	28
29	The dose-response association of urinary metals with altered pulmonary function and risks of restrictive and obstructive lung diseases: a population-based study in China. <i>BMJ Open</i> , 2015, 5, e007643-e007643.	1.9	27
30	Associations of urinary polycyclic aromatic hydrocarbon metabolites with fractional exhaled nitric oxide and exhaled carbon monoxide: A cross-sectional study. <i>Science of the Total Environment</i> , 2018, 618, 542-550.	8.0	27
31	Oxidative damage mediates the association between polycyclic aromatic hydrocarbon exposure and lung function. <i>Environmental Health</i> , 2020, 19, 75.	4.0	27
32	Different biological effects of PM2.5 from coal combustion, gasoline exhaust and urban ambient air relate to the PAH/metal compositions. <i>Environmental Toxicology and Pharmacology</i> , 2019, 69, 120-128.	4.0	25
33	Association between urinary polycyclic aromatic hydrocarbon metabolites and dyslipidemias in the Chinese general population: A cross-sectional study. <i>Environmental Pollution</i> , 2019, 245, 89-97.	7.5	25
34	Combined effect of urinary monohydroxylated polycyclic aromatic hydrocarbons and impaired lung function on diabetes. <i>Environmental Research</i> , 2016, 148, 467-474.	7.5	24
35	Exposure to acrylamide and reduced heart rate variability: The mediating role of transforming growth factor- β . <i>Journal of Hazardous Materials</i> , 2020, 395, 122677.	12.4	24
36	Association of air pollution with the risk of initial outpatient visits for tuberculosis in Wuhan, China. <i>Occupational and Environmental Medicine</i> , 2019, 76, 560-566.	2.8	23

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37	Combined effect of silica dust exposure and cigarette smoking on total and cause-specific mortality in iron miners: a cohort study. <i>Environmental Health</i> , 2018, 17, 46.	4.0	22
38	Different antiviral effects of IFN β subtypes in a mouse model of HBV infection. <i>Scientific Reports</i> , 2017, 7, 334.	3.3	21
39	Urinary polycyclic aromatic hydrocarbon metabolites, Club cell secretory protein and lung function. <i>Environment International</i> , 2018, 111, 109-116.	10.0	21
40	The effect of sleep duration and sleep quality on hypertension in middle-aged and older Chinese: the Dongfeng-Tongji Cohort Study. <i>Sleep Medicine</i> , 2017, 40, 78-83.	1.6	20
41	Dose-response relationships between polycyclic aromatic hydrocarbons exposure and platelet indices. <i>Environmental Pollution</i> , 2019, 245, 183-198.	7.5	20
42	The cross-sectional and longitudinal associations of chromium with dyslipidemia: A prospective cohort study of urban adults in China. <i>Chemosphere</i> , 2019, 215, 362-369.	8.2	20
43	Mediating factors explaining the associations between polycyclic aromatic hydrocarbons exposure, low socioeconomic status and diabetes: A structural equation modeling approach. <i>Science of the Total Environment</i> , 2019, 648, 1476-1483.	8.0	20
44	The comparison of AOD-based and non-AOD prediction models for daily PM _{2.5} estimation in Guangdong province, China with poor AOD coverage. <i>Environmental Research</i> , 2021, 195, 110735.	7.5	20
45	Association Between Proinflammatory Responses of Respirable Silica Dust and Adverse Health Effects Among Dust-Exposed Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2012, 54, 459-465.	1.7	19
46	Association of regular physical activity with total and cause-specific mortality among middle-aged and older Chinese: a prospective cohort study. <i>Scientific Reports</i> , 2017, 7, 39939.	3.3	19
47	Association of short-term exposure to ambient air pollution with mortality from ischemic and hemorrhagic stroke. <i>European Journal of Neurology</i> , 2022, 29, 1994-2005.	3.3	19
48	Associations between urinary monohydroxy polycyclic aromatic hydrocarbons metabolites and Framingham Risk Score in Chinese adults with low lung function. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 1002-1009.	6.0	18
49	Urinary polycyclic aromatic hydrocarbon metabolites and adult asthma: a case-control study. <i>Scientific Reports</i> , 2018, 8, 7658.	3.3	18
50	Association between sleep duration, sleep quality and hyperlipidemia in middle-aged and older Chinese: The Dongfeng-Tongji Cohort Study. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1288-1297.	1.8	18
51	Plasma lncRNA-ATB, a Potential Biomarker for Diagnosis of Patients with Coal Workers' Pneumoconiosis: A Case-Control Study. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1367.	4.1	17
52	Associations between Th17-related inflammatory cytokines and asthma in adults: A Case-Control Study. <i>Scientific Reports</i> , 2017, 7, 15502.	3.3	17
53	The Trends in Cardiovascular Diseases and Respiratory Diseases Mortality in Urban and Rural China, 1990-2015. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1391.	2.6	17
54	Recent trends in current asthma prevalence among US adults, 2009-2018. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2814-2816.	3.8	16

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55	Mean platelet volume mediated the relationships between heavy metals exposure and atherosclerotic cardiovascular disease risk: A community-based study. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 830-839.	1.8	15
56	Urinary copper, systemic inflammation, and blood lipid profiles: Wuhan-Zhuhai cohort study. <i>Environmental Pollution</i> , 2020, 267, 115647.	7.5	15
57	Short-term effects of air pollution on liver function among urban adults in China. <i>Atmospheric Environment</i> , 2021, 245, 118011.	4.1	15
58	Acrylamide exposure and pulmonary function reduction in general population: The mediating effect of systemic inflammation. <i>Science of the Total Environment</i> , 2021, 778, 146304.	8.0	15
59	Cause-specific cardiovascular disease mortality attributable to ambient temperature: A time-stratified case-crossover study in Jiangsu province, China. <i>Ecotoxicology and Environmental Safety</i> , 2022, 236, 113498.	6.0	15
60	Susceptibility of Different Hepatitis B Virus Isolates to Interferon-Alpha in a Mouse Model Based on Hydrodynamic Injection. <i>PLoS ONE</i> , 2014, 9, e90977.	2.5	14
61	The dose of HBV genome contained plasmid has a great impact on HBV persistence in hydrodynamic injection mouse model. <i>Virology Journal</i> , 2017, 14, 205.	3.4	14
62	Assessment for personal PM2.5 exposure with a modeling method: A panel study in Wuhan, China. <i>Atmospheric Pollution Research</i> , 2020, 11, 1991-1997.	3.8	14
63	IL-22: A potential mediator of associations between urinary polycyclic aromatic hydrocarbon metabolites with fasting plasma glucose and type 2 diabetes. <i>Journal of Hazardous Materials</i> , 2021, 401, 123278.	12.4	14
64	Benzo(a)pyrene induces airway epithelial injury through Wnt5a-mediated non-canonical Wnt-YAP/TAZ signaling. <i>Science of the Total Environment</i> , 2022, 815, 151965.	8.0	14
65	Roles of C-reactive protein on the association between urinary cadmium and type 2 diabetes. <i>Environmental Pollution</i> , 2019, 255, 113341.	7.5	13
66	Risk and protective factors for anxiety during COVID-19 pandemic. <i>BMC Public Health</i> , 2021, 21, 1063.	2.9	13
67	Hirschsprung's disease: key microRNAs and target genes. <i>Pediatric Research</i> , 2022, 92, 737-747.	2.3	13
68	Short-term effects of real-time individual fine particulate matter exposure on lung function: a panel study in Zhuhai, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 65140-65149.	5.3	12
69	Cardiometabolic traits mediated the relationship from urinary polycyclic aromatic hydrocarbons metabolites to heart rate variability reduction: A community-based study. <i>Environmental Pollution</i> , 2018, 243, 28-36.	7.5	11
70	Combined effect of central obesity and urinary PAH metabolites on lung function: A cross-sectional study in urban adults. <i>Respiratory Medicine</i> , 2019, 152, 67-73.	2.9	11
71	Association of plasma soluble CD14 level with asthma severity in adults: a case control study in China. <i>Respiratory Research</i> , 2019, 20, 19.	3.6	11
72	Influence of silica particles on mucociliary structure and MUC5B expression in airways of C57BL/6 mice. <i>Experimental Lung Research</i> , 2020, 46, 217-225.	1.2	10

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73	Plasma CC16 mediates the associations between urinary metals and fractional exhaled nitric oxide: A cross-sectional study. <i>Environmental Pollution</i> , 2020, 258, 113713.	7.5	9
74	High-mobility group box 1 promotes epithelial-to-mesenchymal transition in crystalline silica induced pulmonary inflammation and fibrosis. <i>Toxicology Letters</i> , 2020, 330, 134-143.	0.8	9
75	The involvement of copper, circular RNAs, and inflammatory cytokines in chronic respiratory disease. <i>Chemosphere</i> , 2022, 303, 135005.	8.2	9
76	Assessment of the variability of urinary cadmium for general adults. <i>Chemosphere</i> , 2021, 269, 128752.	8.2	8
77	Association between Plasma HMGB-1 and Silicosis: A Case-Control Study. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4043.	4.1	7
78	Potential Effects of Lung Function Reduction on Health-Related Quality of Life. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 260.	2.6	7
79	Biomarkers and Immune Repertoire Metrics Identified by Peripheral Blood Transcriptomic Sequencing Reveal the Pathogenesis of COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 677025.	4.8	7
80	Analysis of Factors Associated With Depression in Community-Dwelling Older Adults in Wuhan, China. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 743193.	3.4	7
81	Association between shift work and hearing loss: The Dongfeng-Tongji cohort study. <i>Hearing Research</i> , 2019, 384, 107827.	2.0	6
82	A fish bone induced aortic arch pseudoaneurysm in a male patient. <i>Medicine (United States)</i> , 2019, 98, e16486.	1.0	6
83	Expression Levels of Surfactant-Associated Proteins and Inflammation Cytokines in Serum and Bronchoalveolar Lavage Fluid Among Coal Miners. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 484-488.	1.7	5
84	Impacts of low socioeconomic status and polycyclic aromatic hydrocarbons exposure on lung function among a community-based Chinese population. <i>Science of the Total Environment</i> , 2017, 574, 1095-1103.	8.0	5
85	Re-evaluation of jumping purse-string suturing in pediatric laparoscopic hernia repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, , 1.	2.4	5
86	Neutralization of interleukin-11 attenuates silica particles-induced pulmonary inflammation and fibrosis in vivo. <i>Journal of Environmental Sciences</i> , 2023, 126, 772-783.	6.1	5
87	Re-evaluation of Laparoscopic Hepatic Subcapsular Spider-Like Telangiectasis Sign: A Highly Accurate Method to Diagnose Biliary Atresia in Infants. <i>Frontiers in Pediatrics</i> , 2022, 10, 850449.	1.9	5
88	Central obesity transition increased urinary levels of 8-hydroxydeoxyguanosine in male adults: A 3-year follow up study. <i>Metabolism: Clinical and Experimental</i> , 2019, 91, 53-60.	3.4	4
89	Association of urinary dimethylformamide metabolite with lung function decline: The potential mediating role of systematic inflammation estimated by C-reactive protein. <i>Science of the Total Environment</i> , 2020, 726, 138604.	8.0	4
90	Exogenous Clara cell protein 16 attenuates silica particles-induced inflammation in THP-1 macrophages by down-regulating NF- κ B and caspase-1 activation. <i>Journal of Toxicological Sciences</i> , 2020, 45, 651-660.	1.5	4

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91	Ambient air pollution and hospitalization for chronic obstructive pulmonary disease: Benefits from Three-Year Action Plan. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 113034.	6.0	4
92	Long-term personal PM2.5 exposure and lung function alternation: A longitudinal study in Wuhan urban adults. <i>Science of the Total Environment</i> , 2022, 845, 157327.	8.0	4
93	Mediation effect of platelet indices on the association of daytime nap duration with 10-year ASCVD risk. <i>Platelets</i> , 2021, 32, 82-89.	2.3	3
94	The interaction effects of FEN1 rs174538 polymorphism and polycyclic aromatic hydrocarbon exposure on damage in exon 19 and 21 of EGFR gene in coke oven workers. <i>Environmental Science and Pollution Research</i> , 2021, 28, 60692-60703.	5.3	3
95	Association of short-term exposure to air pollution with recurrent ischemic cerebrovascular events in older adults. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113925.	4.3	3
96	Laparoscopic simultaneous inguinal hernia repair and appendectomy in children: A multicenter study. <i>Journal of Pediatric Surgery</i> , 2022, 57, 1480-1485.	1.6	3
97	Robotic lateral pancreaticojejunostomy surgery for pancreatic duct stones in children. <i>Journal of Pediatric Surgery</i> , 2021, 56, 1685-1686.	1.6	2
98	Association of Sex Steroid Hormones with Adult Asthma in the United States, 2013â€“2016. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 618-619.	5.6	1
99	Survey of Clinical Medical Personnel Satisfaction and Analysis of Medical Record Service. <i>Chinese Medical Record English Edition</i> , 2013, 1, 475-478.	0.1	0
100	Switch regulation of interleukin-1 beta in downstream of inflammatory cytokines induced by two micro-sized silica particles on differentiated THP-1 macrophages. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 457-466.	4.0	0