Weihong Chen

List of Publications by Year
in descending order

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230	6,564	101543	102487
papers	citations	36 h-index	66 g-index

234	234	234	7784
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Silicosis. Lancet, The, 2012, 379, 2008-2018.	13.7	890
2	Cohort Profile: The Dongfengâ€“Tongji cohort study of retired workers. International Journal of Epidemiology, 2013, 42, 731-740.	1.9	219
3	Long-Term Exposure to Silica Dust and Risk of Total and Cause-Specific Mortality in Chinese Workers: A Cohort Study. PLoS Medicine, 2012, 9, e1001206.	8.4	204
4	Urinary Metals and Heart Rate Variability: A Cross-Sectional Study of Urban Adults in Wuhan, China. Environmental Health Perspectives, 2015, 123, 217-222.	6.0	103
5	Association of Urinary Metal Profiles with Altered Glucose Levels and Diabetes Risk: A Population-Based Study in China. PLoS ONE, 2015, 10, e0123742.	2.5	102
6	The Effects of Shift Work on Sleeping Quality, Hypertension and Diabetes in Retired Workers. PLoS ONE, 2013, 8, e71107.	2.5	101
7	Occupational exposure to silica dust and risk of lung cancer: an updated meta-analysis of epidemiological studies. BMC Public Health, 2016, 16, 1137.	2.9	99
8	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. BMC Public Health, 2014, 14, 994.	2.9	98
9	Urinary Polycyclic Aromatic Hydrocarbon Metabolites and Altered Lung Function in Wuhan, China. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 835-846.	5.6	97
10	Neutralization of interleukin-1 beta attenuates silica-induced lung inflammation and fibrosis in C57BL/6 mice. Archives of Toxicology, 2013, 87, 1963-1973.	4.2	92
11	Exposure-Response Analysis and Risk Assessment for Lung Cancer in Relationship to Silica Exposure: A 44-Year Cohort Study of 34,018 Workers. American Journal of Epidemiology, 2013, 178, 1424-1433.	3.4	91
12	Sleep duration and risk of coronary heart disease: A systematic review and meta-analysis of prospective cohort studies. International Journal of Cardiology, 2016, 219, 231-239.	1.7	82
13	Exposure to silica and silicosis among tin miners in China: exposure-response analyses and risk assessment. Occupational and Environmental Medicine, 2001, 58, 31-37.	2.8	81
14	Genome-Wide Analysis of DNA Methylation and Cigarette Smoking in a Chinese Population. Environmental Health Perspectives, 2016, 124, 966-973.	6.0	80
15	Association between ambient particulate matter exposure and semen quality in Wuhan, China. Environment International, 2017, 98, 219-228.	10.0	78
16	WHO/ILO work-related burden of disease and injury: Protocol for systematic reviews of occupational exposure to dusts and/or fibres and of the effect of occupational exposure to dusts and/or fibres on pneumoconiosis. Environment International, 2018, 119, 174-185.	10.0	75
17	Short-term effects of ambient air pollution on pediatric outpatient visits for respiratory diseases in Yichang city, China. Environmental Pollution, 2017, 227, 116-124.	7.5	71
18	Genome-Wide Analysis of DNA Methylation and Acute Coronary Syndrome. Circulation Research, 2017, 120, 1754-1767.	4.5	70

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19	Association of polycyclic aromatic hydrocarbons exposure with atherosclerotic cardiovascular disease risk: A role of mean platelet volume or club cell secretory protein. Environmental Pollution, 2018, 233, 45-53.	7.5	70
20	Dose-response relationship between polycyclic aromatic hydrocarbon metabolites and risk of diabetes in the general Chinese population. Environmental Pollution, 2014, 195, 24-30.	7.5	69
21	The effects of midday nap duration on the risk of hypertension in a middle-aged and older Chinese population. Journal of Hypertension, 2014, 32, 1993-1998.	0.5	63
22	Exposure to Polycyclic Aromatic Hydrocarbons and Accelerated DNA Methylation Aging. Environmental Health Perspectives, 2018, 126, 067005.	6.0	62
23	Epidemiological Characteristics and Incubation Period of 7015 Confirmed Cases With Coronavirus Disease 2019 Outside Hubei Province in China. Journal of Infectious Diseases, 2020, 222, 26-33.	4.0	62
24	Shift Work and the Relationship with Metabolic Syndrome in Chinese Aged Workers. PLoS ONE, 2015, 10, e0120632.	2.5	61
25	A review of practical statistical methods used in epidemiological studies to estimate the health effects of multi-pollutant mixture. Environmental Pollution, 2022, 306, 119356.	7.5	60
26	Global gene expression profiling of human bronchial epithelial cells exposed to airborne fine particulate matter collected from Wuhan, China. Toxicology Letters, 2014, 228, 25-33.	0.8	58
27	A Genome Wide Association Study Identifies Common Variants Associated with Lipid Levels in the Chinese Population. PLoS ONE, 2013, 8, e82420.	2.5	57
28	Oxidative DNA damage mediates the association between urinary metals and prevalence of type 2 diabetes mellitus in Chinese adults. Science of the Total Environment, 2018, 627, 1327-1333.	8.0	55
29	Acrylamide Exposure and Oxidative DNA Damage, Lipid Peroxidation, and Fasting Plasma Glucose Alteration: Association and Mediation Analyses in Chinese Urban Adults. Diabetes Care, 2020, 43, 1479-1486.	8.6	54
30	Dose-response relationship between urinary polycyclic aromatic hydrocarbons metabolites and urinary 8-hydroxy-2â€²-deoxyguanosine in a Chinese general population. Chemosphere, 2017, 174, 506-514.	8.2	53
31	Effects of environmental and lifestyle exposures on urinary levels of polycyclic aromatic hydrocarbon metabolites: A cross-sectional study of urban adults in China. Chemosphere, 2020, 240, 124898.	8.2	51
32	Personal exposure to PM2.5-bound polycyclic aromatic hydrocarbons and lung function alteration: Results of a panel study in China. Science of the Total Environment, 2019, 684, 458-465.	8.0	47
33	Associations between essential metals exposure and metabolic syndrome (MetS): Exploring the mediating role of systemic inflammation in a general Chinese population. Environment International, 2020, 140, 105802.	10.0	45
34	Associations between urinary phthalate metabolite concentrations and markers of liver injury in the US adult population. Environment International, 2021, 155, 106608.	10.0	43
35	Association between indoor formaldehyde exposure and asthma: A systematic review and metaâ€analysis of observational studies. Indoor Air, 2020, 30, 682-690.	4.3	42
36	Exposure to the Chinese famine in early life and hypertension prevalence risk in adults. Journal of Hypertension, 2017, 35, 63-68.	0.5	41

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37	Current global perspectives on silicosisâ€"Convergence of old and newly emergent hazards. Respirology, 2022, 27, 387-398.	2.3	41
38	Head-and-Face Anthropometric Survey of Chinese Workers. Annals of Occupational Hygiene, 2008, 52, 773-82.	1.9	40
39	Long-term effect of personal PM2.5 exposure on lung function: A panel study in China. Journal of Hazardous Materials, 2020, 393, 122457.	12.4	40
40	Association between bilirubin and risk of Non-Alcoholic Fatty Liver Disease based on a prospective cohort study. Scientific Reports, 2016, 6, 31006.	3.3	39
41	Systemic inflammation mediates the association of heavy metal exposures with liver injury: A study in general Chinese urban adults. Journal of Hazardous Materials, 2021, 419, 126497.	12.4	39
42	Using different anthropometric indices to assess prediction ability of type 2 diabetes in elderly population: a 5Âyear prospective study. BMC Geriatrics, 2018, 18, 218.	2.7	38
43	Different Physical Activity Subtypes and Risk of Metabolic Syndrome in Middle-Aged and Older Chinese People. PLoS ONE, 2013, 8, e53258.	2.5	36
44	Association of lung function with cardiovascular risk: a cohort study. Respiratory Research, 2018, 19, 214.	3.6	36
45	Association between Concentrations of Metals in Urine and Adult Asthma: A Case-Control Study in Wuhan, China. PLoS ONE, 2016, 11, e0155818.	2.5	36
46	Nested case-control study of lung cancer in four Chinese tin mines. Occupational and Environmental Medicine, 2002, 59, 113-118.	2.8	35
47	A community study of the effect of polycyclic aromatic hydrocarbon metabolites on heart rate variability based on the Framingham risk score. Occupational and Environmental Medicine, 2014, 71, 338-345.	2.8	35
48	Dairy Consumption and Gastric Cancer Risk: A Meta-Analysis of Epidemiological Studies. Nutrition and Cancer, 2015, 67, 555-568.	2.0	35
49	Personal exposure to PM2.5, genetic variants and DNA damage: A multi-center population-based study in Chinese. Toxicology Letters, 2015, 235, 172-178.	0.8	34
50	Epidemiological characteristics and transmission model of Corona Virus Disease 2019 in China. Journal of Infection, 2020, 80, e25-e27.	3.3	34
51	Cadmium exposure, fasting blood glucose changes, and type 2 diabetes mellitus: A longitudinal prospective study in China. Environmental Research, 2021, 192, 110259.	7.5	34
52	Short-term Effects of Outdoor Air Pollution on Lung Function among Female Non-smokers in China. Scientific Reports, 2016, 6, 34947.	3.3	33
53	Polycyclic aromatic hydrocarbon exposure and atherosclerotic cardiovascular disease risk in urban adults: The mediating role of oxidatively damaged DNA. Environmental Pollution, 2020, 265, 114860.	7.5	33
54	Fitting Characteristics of N95 Filtering-Facepiece Respirators Used Widely in China. PLoS ONE, 2014, 9, e85299.	2.5	33

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55	Occupational noise exposure and hypertension: the Dongfeng-Tongji Cohort Study. Journal of the American Society of Hypertension, 2018, 12, 71-79.e5.	2.3	32
56	Association of Polymorphisms in AhR, CYP1A1, GSTM1, and GSTT1 Genes with Levels of DNA Damage in Peripheral Blood Lymphocytes among Coke-Oven Workers. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 1703-1707.	2.5	30
57	COPD and levels of Hsp70 (HSPA1A) and Hsp27 (HSPB1) in plasma and lymphocytes among coal workers: a case-control study. Cell Stress and Chaperones, 2015, 20, 473-481.	2.9	30
58	Effects of silica exposure on the cardiac and renal inflammatory and fibrotic response and the antagonistic role of interleukin-1 beta in C57BL/6 mice. Archives of Toxicology, 2016, 90, 247-258.	4.2	29
59	Exposure to polycyclic aromatic hydrocarbons and central obesity enhanced risk for diabetes among individuals with poor lung function. Chemosphere, 2017, 185, 1136-1143.	8.2	29
60	Estimated individual inhaled dose of fine particles and indicators of lung function: A pilot study among Chinese young adults. Environmental Pollution, 2018, 235, 505-513.	7.5	29
61	Personal PM2.5 exposure and lung function: Potential mediating role of systematic inflammation and oxidative damage in urban adults from the general population. Science of the Total Environment, 2021, 755, 142522.	8.0	29
62	Exposures to silica mixed dust and cohort mortality study in tin mines: Exposure-response analysis and risk assessment of lung cancer. American Journal of Industrial Medicine, 2006, 49, 67-76.	2.1	28
63	Long-term Exposure to Crystalline Silica and Risk of Heart Disease Mortality. Epidemiology, 2014, 25, 689-696.	2.7	28
64	VEGF-PKD1-HDAC7 signaling promotes endothelial progenitor cell migration and tube formation. Microvascular Research, 2014, 91, 66-72.	2.5	28
65	Cohort mortality study in three ceramic factories in Jingdezhen in China. Journal of Huazhong University of Science and Technology [Medical Sciences], 2008, 28, 386-390.	1.0	27
66	A SAS macro for testing differences among three or more independent groups using Kruskal-Wallis and Nemenyi tests. Journal of Huazhong University of Science and Technology [Medical Sciences], 2012, 32, 130-134.	1.0	27
67	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. BMJ Open, 2015, 5, e007643-e007643.	1.9	27
68	Associations of urinary polycyclic aromatic hydrocarbon metabolites with fractional exhaled nitric oxide and exhaled carbon monoxide: A cross-sectional study. Science of the Total Environment, 2018, 618, 542-550.	8.0	27
69	Oxidative damage mediates the association between polycyclic aromatic hydrocarbon exposure and lung function. Environmental Health, 2020, 19, 75.	4.0	27
70	microRNAs expression in relation to particulate matter exposure: A systematic review. Environmental Pollution, 2020, 260, 113961.	7.5	27
71	Association between plasma BPDE-Alb adduct concentrations and DNA damage of peripheral blood lymphocytes among coke oven workers. Occupational and Environmental Medicine, 2007, 64, 753-758.	2.8	26
72	Immune intervention effects on the induction of experimental autoimmune thyroiditis. Journal of Huazhong University of Science and Technology [Medical Sciences], 2002, 22, 343-345.	1.0	25

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73	Parity and the Risk of Diabetes Mellitus among Chinese Women: A Cross-Sectional Evidence from the Tongji-Dongfeng Cohort Study. PLoS ONE, 2014, 9, e104810.	2.5	25
74	Prediction models and risk assessment for silicosis using a retrospective cohort study among workers exposed to silica in China. Scientific Reports, 2015, 5, 11059.	3.3	25
75	Different biological effects of PM2.5 from coal combustion, gasoline exhaust and urban ambient air relate to the PAH/metal compositions. Environmental Toxicology and Pharmacology, 2019, 69, 120-128.	4.0	25
76	Association between urinary polycyclic aromatic hydrocarbon metabolites and dyslipidemias in the Chinese general population: AÂcross-sectional study. Environmental Pollution, 2019, 245, 89-97.	7.5	25
77	Cross-sectional and longitudinal associations between urinary zinc and lung function among urban adults in China. Thorax, 2020, 75, 771-779.	5.6	25
78	Effects of work related confounders on the association between silica exposure and lung cancer: a nested case-control study among Chinese miners and pottery workers. International Archives of Occupational and Environmental Health, 2007, 80, 320-326.	2.3	24
79	A genome-wide association study identifies susceptibility loci of silica-related pneumoconiosis in Han Chinese. Human Molecular Genetics, 2014, 23, 6385-6394.	2.9	24
80	Combined effect of urinary monohydroxylated polycyclic aromatic hydrocarbons and impaired lung function on diabetes. Environmental Research, 2016, 148, 467-474.	7.5	24
81	Shift work and ischaemic heart disease: meta-analysis and doseâ€“response relationship. Occupational Medicine, 2019, 69, 182-188.	1.4	24
82	Exposure to acrylamide and reduced heart rate variability: The mediating role of transforming growth factor-Î². Journal of Hazardous Materials, 2020, 395, 122677.	12.4	24
83	Incidence and disease burden of coal workersâ€™ pneumoconiosis worldwide, 1990â€“2019: evidence from the Global Burden of Disease Study 2019. European Respiratory Journal, 2021, 58, 2101669.	6.7	24
84	Total and Cause-Specific Mortality Risk Associated With Low-Level Exposure to Crystalline Silica: A 44-Year Cohort Study From China. American Journal of Epidemiology, 2017, 186, 481-490.	3.4	23
85	Increasing incidence of asbestosis worldwide, 1990â€“2017: results from the Global Burden of Disease study 2017. Thorax, 2020, 75, 798-800.	5.6	23
86	New Respirator Fit Test Panels Representing the Current Chinese Civilian Workers. Annals of Occupational Hygiene, 2009, 53, 297-305.	1.9	22
87	Occupational exposure to asbestos and cardiovascular related diseases: A meta-analysis. Preventive Medicine Reports, 2015, 2, 920-926.	1.8	22
88	Combined effect of silica dust exposure and cigarette smoking on total and cause-specific mortality in iron miners: a cohort study. Environmental Health, 2018, 17, 46.	4.0	22
89	Polychlorinated dibenzo-p-dioxins and dibenzofurans and their association with cancer mortality among workers in one automobile foundry factory. Science of the Total Environment, 2013, 443, 104-111.	8.0	21
90	The cross-sectional and longitudinal effect of hyperlipidemia on knee osteoarthritis: Results from the Dongfeng-Tongji cohort in China. Scientific Reports, 2017, 7, 9739.	3.3	21

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91	Urinary polycyclic aromatic hydrocarbon metabolites, Club cell secretory protein and lung function. Environment International, 2018, 111, 109-116.	10.0	21
92	Risk Identification and Prediction of Coal Workersâ€™ Pneumoconiosis in Kailuan Colliery Group in China: A Historical Cohort Study. PLoS ONE, 2013, 8, e82181.	2.5	21
93	Acrylamide exposure increases cardiovascular risk of general adult population probably by inducing oxidative stress, inflammation, and TGF-Î²1: A prospective cohort study. Environment International, 2022, 164, 107261.	10.0	21
94	The effect of sleep duration and sleep quality on hypertension in middle-aged and older Chinese: the Dongfeng-Tongji Cohort Study. Sleep Medicine, 2017, 40, 78-83.	1.6	20
95	Dose-response relationships between polycyclic aromatic hydrocarbons exposure and platelet indices. Environmental Pollution, 2019, 245, 183-198.	7.5	20
96	The cross-sectional and longitudinal associations of chromium with dyslipidemia: A prospective cohort study of urban adults in China. Chemosphere, 2019, 215, 362-369.	8.2	20
97	Mediating factors explaining the associations between polycyclic aromatic hydrocarbons exposure, low socioeconomic status and diabetes: A structural equation modeling approach. Science of the Total Environment, 2019, 648, 1476-1483.	8.0	20
98	Association Between Proinflammatory Responses of Respirable Silica Dust and Adverse Health Effects Among Dust-Exposed Workers. Journal of Occupational and Environmental Medicine, 2012, 54, 459-465.	1.7	19
99	Nighttime sleep duration and risk of nonalcoholic fatty liver disease: the Dongfeng-Tongji prospective study. Annals of Medicine, 2016, 48, 468-476.	3.8	19
100	Association of regular physical activity with total and cause-specific mortality among middle-aged and older Chinese: a prospective cohort study. Scientific Reports, 2017, 7, 39939.	3.3	19
101	Maternal vitamin D intake during pregnancy and risk of asthma and wheeze in children: a systematic review and meta-analysis of observational studies. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 653-659.	1.5	19
102	Blocking TGF-Î² expression inhibits silica particle-induced epithelialâ€“mesenchymal transition in human lung epithelial cells. Environmental Toxicology and Pharmacology, 2015, 40, 861-869.	4.0	18
103	Associations between urinary monohydroxy polycyclic aromatic hydrocarbons metabolites and Framingham Risk Score in Chinese adults with low lung function. Ecotoxicology and Environmental Safety, 2018, 147, 1002-1009.	6.0	18
104	Urinary polycyclic aromatic hydrocarbon metabolites and adult asthma: a case-control study. Scientific Reports, 2018, 8, 7658.	3.3	18
105	Genetic loss of Gas6/Mer pathway attenuates silica-induced lung inflammation and fibrosis in mice. Toxicology Letters, 2019, 313, 178-187.	0.8	18
106	Association between sleep duration, sleep quality and hyperlipidemia in middle-aged and older Chinese: The Dongfengâ€“Tongji Cohort Study. European Journal of Preventive Cardiology, 2019, 26, 1288-1297.	1.8	18
107	Triiodothyronine ameliorates silica-induced pulmonary inflammation and fibrosis in mice. Science of the Total Environment, 2021, 790, 148041.	8.0	18
108	Plasma LncRNA-ATB, a Potential Biomarker for Diagnosis of Patients with Coal Workersâ€™ Pneumoconiosis: A Case-Control Study. International Journal of Molecular Sciences, 2016, 17, 1367.	4.1	17

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109	The combined effect of cigarette smoking and occupational noise exposure on hearing loss: evidence from the Dongfeng-Tongji Cohort Study. Scientific Reports, 2017, 7, 11142.	3.3	17
110	Associations between Th17-related inflammatory cytokines and asthma in adults: A Case-Control Study. Scientific Reports, 2017, 7, 15502.	3.3	17
111	The Trends in Cardiovascular Diseases and Respiratory Diseases Mortality in Urban and Rural China, 1990â€“2015. International Journal of Environmental Research and Public Health, 2017, 14, 1391.	2.6	17
112	Effects of the Interactions between Dust Exposure and Genetic Polymorphisms in Nalp3, Caspase-1, and IL-1Î² on the Risk of Silicosis: A Case-Control Study. PLoS ONE, 2015, 10, e0140952.	2.5	17
113	Digital 3-D Headforms Representative of Chinese Workers. Annals of Occupational Hygiene, 2012, 56, 113-22.	1.9	16
114	Association between serum bilirubin levels and decline in estimated glomerular filtration rate among patients with type 2 diabetes. Journal of Diabetes and Its Complications, 2016, 30, 1255-1260.	2.3	16
115	Hearing loss is associated with increased CHD risk and unfavorable CHD-related biomarkers in the Dongfeng-Tongji cohort. Atherosclerosis, 2018, 271, 70-76.	0.8	16
116	Expression of Hsp27 and Hsp70 in lymphocytes and plasma in healthy workers and coal miners with lung cancer. Journal of Huazhong University of Science and Technology [Medical Sciences], 2010, 30, 415-420.	1.0	15
117	Particle-size-dependent cytokine responses and cell damage induced by silica particles and macrophages-derived mediators in endothelial cell. Environmental Toxicology and Pharmacology, 2013, 36, 921-928.	4.0	15
118	Comparison of Highâ€resolution Computerized Tomography with Filmâ€screen Radiography for the Evaluation of Opacity and the Recognition of Coal Workers' Pneumoconiosis. Journal of Occupational Health, 2014, 56, 301-308.	2.1	15
119	Exogenous Gas6 attenuates silica-induced inflammation on differentiated THP-1 macrophages. Environmental Toxicology and Pharmacology, 2016, 45, 222-226.	4.0	15
120	Bidirectional association between nonalcoholic fatty liver disease and hypertension from the Dongfeng-Tongji cohort study. Journal of the American Society of Hypertension, 2018, 12, 660-670.	2.3	15
121	Therapeutic effects of scavenger receptor MARCO ligand on silica-induced pulmonary fibrosis in rats. Toxicology Letters, 2019, 311, 1-10.	0.8	15
122	Mean platelet volume mediated the relationships between heavy metals exposure and atherosclerotic cardiovascular disease risk: A community-based study. European Journal of Preventive Cardiology, 2020, 27, 830-839.	1.8	15
123	Urinary copper, systemic inflammation, and blood lipid profiles: Wuhan-Zhuhai cohort study. Environmental Pollution, 2020, 267, 115647.	7.5	15
124	Systemic Inflammation Mediates the Associations Between Abdominal Obesity Indices and Lung Function Decline in a Chinese General Population . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 141-150.	2.4	15
125	Association of Silica Dust Exposure and Cigarette Smoking With Mortality Among Mine and Pottery Workers in China. JAMA Network Open, 2020, 3, e202787.	5.9	15
126	Short-term effects of air pollution on liver function among urban adults in China. Atmospheric Environment, 2021, 245, 118011.	4.1	15

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127	Profile of copper-associated DNA methylation and its association with incident acute coronary syndrome. Clinical Epigenetics, 2021, 13, 19.	4.1	15
128	Association of occupational noise exposure, bilateral hearing loss with atherosclerotic cardiovascular disease risk in Chinese adults. International Journal of Hygiene and Environmental Health, 2021, 235, 113776.	4.3	15
129	Acrylamide exposure and pulmonary function reduction in general population: The mediating effect of systemic inflammation. Science of the Total Environment, 2021, 778, 146304.	8.0	15
130	Serum bilirubin concentrations and incident coronary heart disease risk among patients with type 2 diabetes: the Dongfengâ€“Tongji cohort. Acta Diabetologica, 2017, 54, 257-264.	2.5	14
131	Assessment for personal PM2.5 exposure with a modeling method: A panel study in Wuhan, China. Atmospheric Pollution Research, 2020, 11, 1991-1997.	3.8	14
132	IL-22: A potential mediator of associations between urinary polycyclic aromatic hydrocarbon metabolites with fasting plasma glucose and type 2 diabetes. Journal of Hazardous Materials, 2021, 401, 123278.	12.4	14
133	Shift work and the risk of knee osteoarthritis among Chinese workers: a retrospective cohort study. Scandinavian Journal of Work, Environment and Health, 2020, 46, 152-160.	3.4	14
134	Benzo(a)pyrene induces airway epithelial injury through Wnt5a-mediated non-canonical Wnt-YAP/TAZ signaling. Science of the Total Environment, 2022, 815, 151965.	8.0	14
135	Cross-sectional and longitudinal associations of acrolein exposure with pulmonary function alteration: Assessing the potential roles of oxidative DNA damage, inflammation, and pulmonary epithelium injury in a general adult population. Environment International, 2022, 167, 107401.	10.0	14
136	Framingham risk score modifies the effect of PM10 on heart rate variability. Science of the Total Environment, 2015, 523, 146-151.	8.0	13
137	Serum creatinine levels and risk of metabolic syndrome in a middle-aged and older Chinese population. Clinica Chimica Acta, 2015, 440, 177-182.	1.1	13
138	Roles of C-reactive protein on the association between urinary cadmium and type 2 diabetes. Environmental Pollution, 2019, 255, 113341.	7.5	13
139	Heavy metals exposure, lipid peroxidation and heart rate variability alteration: Association and mediation analyses in urban adults. Ecotoxicology and Environmental Safety, 2020, 205, 111149.	6.0	13
140	Comparison of Risk of Silicosis in Metal Mines and Pottery Factories. Chest, 2020, 158, 1050-1059.	0.8	13
141	Sex-Related Differences in the Risk of Silicosis Among Chinese Pottery Workers. Journal of Occupational and Environmental Medicine, 2021, 63, 74-79.	1.7	13
142	Longitudinal relationships of polycyclic aromatic hydrocarbons exposure and genetic susceptibility with blood lipid profiles. Environment International, 2022, 164, 107259.	10.0	13
143	Extracellular signal-regulated kinase signaling pathway and silicosis. Toxicology Research, 2021, 10, 487-494.	2.1	12
144	Short-term effects of real-time individual fine particulate matter exposure on lung function: a panel study in Zhuhai, China. Environmental Science and Pollution Research, 2021, 28, 65140-65149.	5.3	12

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145	Combined effects of reproductive and hormone factors and obesity on the prevalence of knee osteoarthritis and knee pain among middle-aged or older Chinese women: a cross-sectional study. BMC Public Health, 2018, 18, 1192.	2.9	11
146	Cardiometabolic traits mediated the relationship from urinary polycyclic aromatic hydrocarbons metabolites to heart rate variability reduction: A community-based study. Environmental Pollution, 2018, 243, 28-36.	7.5	11
147	Combined effect of central obesity and urinary PAH metabolites on lung function: A cross-sectional study in urban adults. Respiratory Medicine, 2019, 152, 67-73.	2.9	11
148	Association of plasma soluble CD14 level with asthma severity in adults: a case control study in China. Respiratory Research, 2019, 20, 19.	3.6	11
149	The association between urinary aluminum and lung function among an urban adult population: A repeated-measure longitudinal study. Chemosphere, 2021, 270, 129443.	8.2	11
150	Associations of propylene oxide exposure with fasting plasma glucose and diabetes: Roles of oxidative DNA damage and lipid peroxidation. Environmental Pollution, 2022, 292, 118453.	7.5	11
151	Downregulation of Bmi-1 is associated with suppressed tumorigenesis and induced apoptosis in CD44+ nasopharyngeal carcinoma cancer stem-like cells. Oncology Reports, 2016, 35, 923-931.	2.6	10
152	Genetic variants, PM2.5 exposure level and global DNA methylation level: A multi-center population-based study in Chinese. Toxicology Letters, 2017, 269, 77-82.	0.8	10
153	Serum alanine transaminase levels predict type 2 diabetes risk among a middle-aged and elderly Chinese population. Annals of Hepatology, 2019, 18, 298-303.	1.5	10
154	The trends of mortality and years of life lost of cancers in urban and rural areas in China, 1990â€2017. Cancer Medicine, 2020, 9, 1562-1571.	2.8	10
155	Occupational exposures and risk of nasopharyngeal carcinoma in a highâ€risk area: A populationâ€based caseâ€control study. Cancer, 2021, 127, 2724-2735.	4.1	10
156	Spatiotemporal analysis of COVID-19 outbreaks in Wuhan, China. Scientific Reports, 2021, 11, 13648.	3.3	10
157	Occupational Hearing Loss among Chinese Municipal Solid Waste Landfill Workers: A Cross-Sectional Study. PLoS ONE, 2015, 10, e0128719.	2.5	10
158	Longitudinal relationships between polycyclic aromatic hydrocarbons exposure and heart rate variability: Exploring the role of transformingÂgrowth factor-Î² in a general Chinese population. Journal of Hazardous Materials, 2022, 425, 127770.	12.4	10
159	Association of Adiposity Indices with Platelet Distribution Width and Mean Platelet Volume in Chinese Adults. PLoS ONE, 2015, 10, e0129677.	2.5	9
160	Plasma CC16 mediates the associations between urinary metals and fractional exhaled nitric oxide: A cross-sectional study. Environmental Pollution, 2020, 258, 113713.	7.5	9
161	The methylation of the AMER3 gene mediates the negative association between urinary polycyclic aromatic hydrocarbon metabolites and fasting plasma glucose in non-smokers: A new clue for the development of hypoglycemic agents. Journal of Hazardous Materials, 2021, 419, 126548.	12.4	9
162	Sources of 24-h personal exposure to PM2.5-bound metals: results from a panel study in Wuhan, China. Environmental Science and Pollution Research, 2021, 28, 27555-27564.	5.3	9

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163	High-mobility group box 1 promotes epithelial-to-mesenchymal transition in crystalline silica induced pulmonary inflammation and fibrosis. Toxicology Letters, 2020, 330, 134-143.	0.8	9
164	Change of Exposure Response over Time and Long-Term Risk of Silicosis among a Cohort of Chinese Pottery Workers. International Journal of Environmental Research and Public Health, 2011, 8, 2923-2936.	2.6	8
165	Polychlorinated dibenzo-dioxins and polychlorinated dibenzo-furans exposure and altered lung function: The mediating role of oxidative stress. Environment International, 2020, 137, 105521.	10.0	8
166	Assessment of the variability of urinary cadmium for general adults. Chemosphere, 2021, 269, 128752.	8.2	8
167	Exposure to polycyclic aromatic hydrocarbons, DNA methylation and heart rate variability among non-current smokers. Environmental Pollution, 2021, 288, 117777.	7.5	8
168	Urinary polycyclic aromatic hydrocarbon metabolites and depression: a cross-sectional study of the National Health and Nutrition Examination Survey 2005â€“2016. Environmental Science and Pollution Research, 2022, 29, 39067-39076.	5.3	8
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