

# Xiao-Wen Zeng

## List of Publications by Year in descending order

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116  
papers

3,631  
citations

94269

37  
h-index

174990

52  
g-index

119  
all docs

119  
docs citations

119  
times ranked

3775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient air pollution in relation to diabetes and glucose-homoeostasis markers in China: a cross-sectional study with findings from the 33 Communities Chinese Health Study. <i>Lancet Planetary Health</i> , 2018, 2, e64-e73.	5.1	164
2	Association of Long-term Exposure to Ambient Air Pollutants With Risk Factors for Cardiovascular Disease in China. <i>JAMA Network Open</i> , 2019, 2, e190318.	2.8	143
3	Exposure to ambient air pollution and blood lipids in adults: The 33 Communities Chinese Health Study. <i>Environment International</i> , 2018, 119, 485-492.	4.8	116
4	Community greenness, blood pressure, and hypertension in urban dwellers: The 33 Communities Chinese Health Study. <i>Environment International</i> , 2019, 126, 727-734.	4.8	99
5	Association of polyfluoroalkyl chemical exposure with serum lipids in children. <i>Science of the Total Environment</i> , 2015, 512-513, 364-370.	3.9	92
6	Gender-specific associations between serum isomers of perfluoroalkyl substances and blood pressure among Chinese: Isomers of C8 Health Project in China. <i>Science of the Total Environment</i> , 2017, 607-608, 1304-1312.	3.9	90
7	Long-term exposure to ambient air pollution (including PM1) and metabolic syndrome: The 33 Communities Chinese Health Study (33CCHS). <i>Environmental Research</i> , 2018, 164, 204-211.	3.7	88
8	Ambient PM1 air pollution and cardiovascular disease prevalence: Insights from the 33 Communities Chinese Health Study. <i>Environment International</i> , 2019, 123, 310-317.	4.8	77
9	Association between community greenness and obesity in urban-dwelling Chinese adults. <i>Science of the Total Environment</i> , 2020, 702, 135040.	3.9	75
10	High trans-placental transfer of perfluoroalkyl substances alternatives in the matched maternal-cord blood serum: Evidence from a birth cohort study. <i>Science of the Total Environment</i> , 2020, 705, 135885.	3.9	74
11	Isomers of perfluorooctanesulfonate (PFOS) in cord serum and birth outcomes in China: Guangzhou Birth Cohort Study. <i>Environment International</i> , 2017, 102, 1-8.	4.8	71
12	Is smaller worse? New insights about associations of PM1 and respiratory health in children and adolescents. <i>Environment International</i> , 2018, 120, 516-524.	4.8	68
13	Are perfluorooctane sulfonate alternatives safer? New insights from a birth cohort study. <i>Environment International</i> , 2020, 135, 105365.	4.8	64
14	Associations of greenness with diabetes mellitus and glucose-homeostasis markers: The 33 Communities Chinese Health Study. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 283-290.	2.1	63
15	Association between long-term exposure to air pollution and sleep disorder in Chinese children: the Seven Northeastern Cities study. <i>Sleep</i> , 2018, 41, .	0.6	59
16	Liver function biomarkers disorder is associated with exposure to perfluoroalkyl acids in adults: Isomers of C8 Health Project in China. <i>Environmental Research</i> , 2019, 172, 81-88.	3.7	58
17	Air pollution associated hypertension and increased blood pressure may be reduced by breastfeeding in Chinese children: The Seven Northeastern Cities Chinese Children's Study. <i>International Journal of Cardiology</i> , 2014, 176, 956-961.	0.8	56
18	Heavy Metal-induced Metallothionein Expression Is Regulated by Specific Protein Phosphatase 2A Complexes. <i>Journal of Biological Chemistry</i> , 2014, 289, 22413-22426.	1.6	56

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19	Specific histone modification responds to arsenic-induced oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2016, 302, 52-61.	1.3	55
20	Residential greenness and blood lipids in urban-dwelling adults: The 33 Communities Chinese Health Study. <i>Environmental Pollution</i> , 2019, 250, 14-22.	3.7	55
21	Association of perfluoroalkyl substances exposure with impaired lung function in children. <i>Environmental Research</i> , 2017, 155, 15-21.	3.7	54
22	Association between residential greenness and metabolic syndrome in Chinese adults. <i>Environment International</i> , 2020, 135, 105388.	4.8	51
23	Greenspace and human health: An umbrella review. <i>Innovation(China)</i> , 2021, 2, 100164.	5.2	50
24	Ambient PM1 air pollution, blood pressure, and hypertension: Insights from the 33 Communities Chinese Health Study. <i>Environmental Research</i> , 2019, 170, 252-259.	3.7	49
25	Positive association between short-term ambient air pollution exposure and children blood pressure in China—Result from the Seven Northeast Cities (SNEC) study. <i>Environmental Pollution</i> , 2017, 224, 698-705.	3.7	48
26	The differentially-expressed proteome in Zn/Cd hyperaccumulator <i>Arabis paniculata</i> Franch. in response to Zn and Cd. <i>Chemosphere</i> , 2011, 82, 321-328.	4.2	47
27	Isomers of perfluoroalkyl substances and overweight status among Chinese by sex status: Isomers of C8 Health Project in China. <i>Environment International</i> , 2019, 124, 130-138.	4.8	47
28	Isomers of per- and polyfluoroalkyl substances and uric acid in adults: Isomers of C8 Health Project in China. <i>Environment International</i> , 2019, 133, 105160.	4.8	43
29	Is PM1 similar to PM2.5? A new insight into the association of PM1 and PM2.5 with children's lung function. <i>Environment International</i> , 2020, 145, 106092.	4.8	43
30	Positive associations of serum perfluoroalkyl substances with uric acid and hyperuricemia in children from Taiwan. <i>Environmental Pollution</i> , 2016, 212, 519-524.	3.7	42
31	Greenness around schools associated with lower risk of hypertension among children: Findings from the Seven Northeastern Cities Study in China. <i>Environmental Pollution</i> , 2020, 256, 113422.	3.7	42
32	Associations of serum perfluoroalkyl acid levels with T-helper cell-specific cytokines in children: By gender and asthma status. <i>Science of the Total Environment</i> , 2016, 559, 166-173.	3.9	41
33	Is prehypertension more strongly associated with long-term ambient air pollution exposure than hypertension? Findings from the 33 Communities Chinese Health Study. <i>Environmental Pollution</i> , 2017, 229, 696-704.	3.7	41
34	Interactions between ambient air pollution and obesity on lung function in children: The Seven Northeastern Chinese Cities (SNEC) Study. <i>Science of the Total Environment</i> , 2020, 699, 134397.	3.9	41
35	Novel Organophosphate Esters in Airborne Particulate Matters: Occurrences, Precursors, and Selected Transformation Products. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13771-13777.	4.6	41
36	Ambient Airborne Particulates of Diameter $\leq 1 \mu\text{m}$ , a Leading Contributor to the Association Between Ambient Airborne Particulates of Diameter $\leq 2.5 \mu\text{m}$ and Children's Blood Pressure. <i>Hypertension</i> , 2020, 75, 347-355.	1.3	39

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37	Inflammation Response of Water-Soluble Fractions in Atmospheric Fine Particulates: A Seasonal Observation in 10 Large Chinese Cities. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3782-3790.	4.6	38
38	Association Between Greenness Surrounding Schools and Kindergartens and Attention-Deficit/Hyperactivity Disorder in Children in China. <i>JAMA Network Open</i> , 2019, 2, e1917862.	2.8	38
39	Serum levels of per- and polyfluoroalkyl substances alternatives and blood pressure by sex status: Isomers of C8 health project in China. <i>Chemosphere</i> , 2020, 261, 127691.	4.2	38
40	Per- and perfluoroalkyl substances alternatives, mixtures and liver function in adults: A community-based population study in China. <i>Environment International</i> , 2022, 163, 107179.	4.8	37
41	Upregulation of miR-34a-5p antagonizes AFB1-induced genotoxicity in F344 rat liver. <i>Toxicol</i> , 2015, 106, 46-56.	0.8	36
42	Greenness surrounding schools is associated with lower risk of asthma in schoolchildren. <i>Environment International</i> , 2020, 143, 105967.	4.8	36
43	Plastic Additives in Ambient Fine Particulate Matter in the Pearl River Delta, China: High-Throughput Characterization and Health Implications. <i>Environmental Science &amp; Technology</i> , 2021, 55, 4474-4482.	4.6	35
44	Transplacental Transfer of Per- and Polyfluoroalkyl Substances (PFASs): Differences between Preterm and Full-Term Deliveries and Associations with Placental Transporter mRNA Expression. <i>Environmental Science &amp; Technology</i> , 2020, 54, 5062-5070.	4.6	34
45	Associations between trees and grass presence with childhood asthma prevalence using deep learning image segmentation and a novel green view index. <i>Environmental Pollution</i> , 2021, 286, 117582.	3.7	34
46	Association of Breastfeeding and Air Pollution Exposure With Lung Function in Chinese Children. <i>JAMA Network Open</i> , 2019, 2, e194186.	2.8	33
47	Maternal exposure to ambient air pollution and congenital heart defects in China. <i>Environment International</i> , 2021, 153, 106548.	4.8	33
48	Renal function and isomers of perfluorooctanoate (PFOA) and perfluorooctanesulfonate (PFOS): Isomers of C8 Health Project in China. <i>Chemosphere</i> , 2019, 218, 1042-1049.	4.2	32
49	Specific long non-coding RNAs response to occupational PAHs exposure in coke oven workers. <i>Toxicology Reports</i> , 2016, 3, 160-166.	1.6	31
50	Human serum levels of perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) in Uyghurs from Sinkiang-Uighur Autonomous Region, China: background levels study. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4736-4746.	2.7	28
51	Prenatal exposure to perfluoroalkyl substances is associated with lower hand, foot and mouth disease viruses antibody response in infancy: Findings from the Guangzhou Birth Cohort Study. <i>Science of the Total Environment</i> , 2019, 663, 60-67.	3.9	28
52	PP2A-AMPK-HSF1 axis regulates the metal-inducible expression of HSPs and ROS clearance. <i>Cellular Signalling</i> , 2014, 26, 825-832.	1.7	27
53	Incidence of ocular conditions associated with perfluoroalkyl substances exposure: Isomers of C8 Health Project in China. <i>Environment International</i> , 2020, 137, 105555.	4.8	26
54	Interaction effects of polyfluoroalkyl substances and sex steroid hormones on asthma among children. <i>Scientific Reports</i> , 2017, 7, 899.	1.6	25

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55	Associations of Particulate Matter Sizes and Chemical Constituents with Blood Lipids: A Panel Study in Guangzhou, China. <i>Environmental Science &amp; Technology</i> , 2021, 55, 5065-5075.	4.6	25
56	Perfluorooctane sulfonate alternatives and metabolic syndrome in adults: New evidence from the Isomers of C8 Health Project in China. <i>Environmental Pollution</i> , 2021, 283, 117078.	3.7	24
57	Perfluoroalkyl substances with isomer analysis in umbilical cord serum in China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13626-13637.	2.7	22
58	Caloric restriction attenuates C57BL/6 mouse lung injury and extra-pulmonary toxicity induced by real ambient particulate matter exposure. <i>Particle and Fibre Toxicology</i> , 2020, 17, 22.	2.8	22
59	Outdoor light at night, overweight, and obesity in school-aged children and adolescents. <i>Environmental Pollution</i> , 2022, 305, 119306.	3.7	22
60	Benefits of influenza vaccination on the associations between ambient air pollution and allergic respiratory diseases in children and adolescents: New insights from the Seven Northeastern Cities study in China. <i>Environmental Pollution</i> , 2020, 256, 113434.	3.7	20
61	Aberrant methylation of RUNX3 is present in Aflatoxin B <sub>1</sub> -induced transformation of the L02R cell line. <i>Toxicology</i> , 2017, 385, 1-9.	2.0	19
62	Gestational exposure to perfluoroalkyl substances and congenital heart defects: A nested case-control pilot study. <i>Environment International</i> , 2021, 154, 106567.	4.8	19
63	Prenatal Exposure to Emerging Plasticizers and Synthetic Antioxidants and Their Potency to Cross Human Placenta. <i>Environmental Science &amp; Technology</i> , 2022, 56, 8507-8517.	4.6	19
64	TRIM36 hypermethylation is involved in polycyclic aromatic hydrocarbons-induced cell transformation. <i>Environmental Pollution</i> , 2017, 225, 93-103.	3.7	18
65	Association of Prenatal, Early Postnatal, or Current Exposure to Secondhand Smoke With Attention-Deficit/Hyperactivity Disorder Symptoms in Children. <i>JAMA Network Open</i> , 2021, 4, e2110931.	2.8	18
66	Testosterone-Mediated Endocrine Function and TH1/TH2 Cytokine Balance after Prenatal Exposure to Perfluorooctane Sulfonate: By Sex Status. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1509.	1.8	17
67	Greenness may improve lung health in low to moderate but not high air pollution areas: Seven Northeastern Cities study. <i>Thorax</i> , 2021, 76, 880-886.	2.7	17
68	Exposure to isomers of per- and polyfluoroalkyl substances increases the risk of diabetes and impairs glucose-homeostasis in Chinese adults: Isomers of C8 health project. <i>Chemosphere</i> , 2021, 278, 130486.	4.2	17
69	Sex-Specific Difference in the Association Between Poor Sleep Quality and Abdominal Obesity in Rural Chinese: A Large Population-Based Study. <i>Journal of Clinical Sleep Medicine</i> , 2017, 13, 565-574.	1.4	17
70	The effects of Nrf2 knockout on regulation of benzene-induced mouse hematotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2018, 358, 56-67.	1.3	16
71	Associations of perfluorooctane sulfonate alternatives and serum lipids in Chinese adults. <i>Environment International</i> , 2021, 155, 106596.	4.8	16
72	Perfluorooctane sulfonates induces neurobehavioral changes and increases dopamine neurotransmitter levels in zebrafish larvae. <i>Chemosphere</i> , 2022, 297, 134234.	4.2	16

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73	<i>MGMT</i> hypomethylation is associated with DNA damage in workers exposed to low-dose benzene. <i>Biomarkers</i> , 2017, 22, 470-475.	0.9	15
74	A comparison of CRISPR/Cas9 and siRNA-mediated ALDH2 gene silencing in human cell lines. <i>Molecular Genetics and Genomics</i> , 2018, 293, 769-783.	1.0	15
75	Alternatives of perfluoroalkyl acids and hepatitis B virus surface antibody in adults: Isomers of C8 Health Project in China. <i>Environmental Pollution</i> , 2020, 259, 113857.	3.7	15
76	Perfluorooctanesulfonate and perfluorooctanoate exacerbate airway inflammation in asthmatic mice and in vitro. <i>Science of the Total Environment</i> , 2021, 766, 142365.	3.9	15
77	Street view greenness is associated with lower risk of obesity in adults: Findings from the 33 Chinese community health study. <i>Environmental Research</i> , 2021, 200, 111434.	3.7	15
78	Associations between both legacy and alternative per- and polyfluoroalkyl substances and glucose-homeostasis: The Isomers of C8 health project in China. <i>Environment International</i> , 2022, 158, 106913.	4.8	15
79	Short-Term Effects of Particle Sizes and Constituents on Blood Biomarkers among Healthy Young Adults in Guangzhou, China. <i>Environmental Science &amp; Technology</i> , 2021, 55, 5636-5647.	4.6	14
80	Association between eye-level greenness and lung function in urban Chinese children. <i>Environmental Research</i> , 2021, 202, 111641.	3.7	14
81	Fine and ultrafine airborne PM influence inflammation response of young adults and toxicological responses in vitro. <i>Science of the Total Environment</i> , 2022, 836, 155618.	3.9	13
82	Association Between Exposure to Outdoor Artificial Light at Night and Sleep Disorders Among Children in China. <i>JAMA Network Open</i> , 2022, 5, e2213247.	2.8	13
83	Persistent phosphorylation at specific H3 serine residues involved in chemical carcinogen-induced cell transformation. <i>Molecular Carcinogenesis</i> , 2017, 56, 1449-1460.	1.3	12
84	Chlorinated Polyfluorinated Ether Sulfonates and Thyroid Hormone Levels in Adults: Isomers of C8 Health Project in China. <i>Environmental Science &amp; Technology</i> , 2022, 56, 6152-6161.	4.6	12
85	Exposure to second-hand smoke during early life and subsequent sleep problems in children: a population-based cross-sectional study. <i>Environmental Health</i> , 2021, 20, 127.	1.7	12
86	Air Pollution and Children's Health in Chinese. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1017, 153-180.	0.8	11
87	Overweight modifies the association between long-term ambient air pollution and prehypertension in Chinese adults: the 33 Communities Chinese Health Study. <i>Environmental Health</i> , 2018, 17, 57.	1.7	11
88	Ambient Air Pollution and Morbidity in Chinese. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1017, 123-151.	0.8	10
89	Relationships between Long-Term Ozone Exposure and Allergic Rhinitis and Bronchitic Symptoms in Chinese Children. <i>Toxics</i> , 2021, 9, 221.	1.6	10
90	Impact on lung function among children exposed to home new surface materials: The seven Northeastern Cities Study in China. <i>Indoor Air</i> , 2019, 29, 477-486.	2.0	9

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91	Strain differences between CD-1 and C57BL/6 mice in expression of metabolic enzymes and DNA methylation modifications of the primary hepatocytes. <i>Toxicology</i> , 2019, 412, 19-28.	2.0	9
92	Improved morbidity-based air quality health index development using Bayesian multi-pollutant weighted model. <i>Environmental Research</i> , 2022, 204, 112397.	3.7	9
93	Inactivation of p 15 INK4b in chronic arsenic poisoning cases. <i>Toxicology Reports</i> , 2014, 1, 692-698.	1.6	8
94	Pet exposure in utero and postnatal decreases the effects of air pollutants on hypertension in children: A large population based cohort study. <i>Environmental Pollution</i> , 2018, 238, 177-185.	3.7	8
95	The role of influenza vaccination in mitigating the adverse impact of ambient air pollution on lung function in children: New insights from the Seven Northeastern Cities Study in China. <i>Environmental Research</i> , 2020, 187, 109624.	3.7	8
96	CpG site-specific methylation as epi-biomarkers for the prediction of health risk in PAHs-exposed populations. <i>Journal of Hazardous Materials</i> , 2022, 431, 128538.	6.5	8
97	Urgency to Assess the Health Impact of Ambient Air Pollution in China. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1017, 1-6.	0.8	7
98	Associations between serum isomers of perfluoroalkyl acids and metabolic syndrome in adults: Isomers of C8 Health Project in China. <i>Environmental Research</i> , 2021, 196, 110430.	3.7	7
99	Adsorption of Cadmium by <i>Brassica juncea</i> (L.) Czern. and <i>Brassica pekinensis</i> (Lour.) Rupr in Pot Experiment. <i>Sustainability</i> , 2022, 14, 429.	1.6	7
100	Specific histone modifications regulate the expression of AhR in 16HBE cells exposed to benzo(a)pyrene. <i>Toxicology Research</i> , 2015, 4, 143-151.	0.9	6
101	The effects of Cl-PFESAs exposure on blood lipids – A community-based large population study in Guangzhou. <i>Science of the Total Environment</i> , 2022, 806, 150634.	3.9	6
102	Long-term PM <sub>0.1</sub> exposure and human blood lipid metabolism: New insight from the 33-community study in China. <i>Environmental Pollution</i> , 2022, 303, 119171.	3.7	6
103	Response of microbial communities to phytoremediation of nickel contaminated soils. <i>Frontiers of Agriculture in China</i> , 2007, 1, 289-295.	0.2	5
104	Associations of ambient particulate matter with homocysteine metabolism markers and effect modification by B vitamins and MTHFR C677T gene polymorphism. <i>Environmental Pollution</i> , 2021, 270, 116211.	3.7	5
105	Lead, zinc and cadmium accumulation in herbaceous species and soils in Lanping Pb/Zn mining area, Yunnan Province, China. <i>Diqiu Huaxue</i> , 2006, 25, 250-250.	0.5	4
106	Pet ownership in utero and in childhood decreases the effects of environmental tobacco smoke exposure on hypertension in children: A large population based cohort study. <i>Science of the Total Environment</i> , 2020, 715, 136859.	3.9	4
107	The Asthma Family Tree: Evaluating Associations Between Childhood, Parental, and Grandparental Asthma in Seven Chinese Cities. <i>Frontiers in Pediatrics</i> , 2021, 9, 720273.	0.9	4
108	Current pet ownership modifies the adverse association between long-term ambient air pollution exposure and childhood asthma. <i>Clinical and Translational Allergy</i> , 2021, 11, e12005.	1.4	3

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109	The association between anthropogenic heat and adult hypertension in Northeast China. <i>Science of the Total Environment</i> , 2022, 815, 152926.	3.9	3
110	Comparison of body mass index with abdominal obesity for identifying elevated blood pressure in children and adolescents: The SNEC study. <i>Obesity Research and Clinical Practice</i> , 2017, 11, 406-413.	0.8	2
111	Assessment of intestinal injury of hexavalent chromium using a modified in vitro gastrointestinal digestion model. <i>Toxicology and Applied Pharmacology</i> , 2022, 436, 115880.	1.3	2
112	Application of human cell transformation assay on assessment of carcinogenic potential of river organic pollutants. <i>Toxicology Research</i> , 2015, 4, 92-98.	0.9	1
113	The time window of pet ownership exposure modifies the relationship of Environmental Tobacco Smoke with lung function: A large population-based cohort study. <i>Environmental Research</i> , 2020, 183, 109197.	3.7	1
114	Low-Level Environmental Per- and Polyfluoroalkyl Substances and Preterm Birth: A Nested Caseâ€“Control Study Among a Uyghur Population in Northwestern China. <i>Exposure and Health</i> , 2022, 14, 793-805.	2.8	1
115	TUBE Project: Transport-Derived Ultrafines and the Brain Effects. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 311.	1.2	1
116	Simultaneous quantification of plasma immunoglobulin subclasses for assessment of maternal and fetal immune response during pregnancy. <i>Journal of Chromatography A</i> , 2022, 1673, 463096.	1.8	0