

# Xiao-Wen Zeng

## List of Publications by Year in descending order

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116  
papers

3,631  
citations

94433

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175258

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docs citations

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times ranked

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#	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> , The, 2018, 2, e64-e73.	11.4	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.	5.9	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.	10.0	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.	10.0	99
5	Association of polyfluoroalkyl chemical exposure with serum lipids in children. <i>Science of the Total Environment</i> , 2015, 512-513, 364-370.	8.0	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.	8.0	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.	7.5	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.	10.0	77
9	Association between community greenness and obesity in urban-dwelling Chinese adults. <i>Science of the Total Environment</i> , 2020, 702, 135040.	8.0	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.	8.0	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.	10.0	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.	10.0	68
13	Are perfluorooctane sulfonate alternatives safer? New insights from a birth cohort study. <i>Environment International</i> , 2020, 135, 105365.	10.0	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.	4.3	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, .	1.1	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.	7.5	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.	1.7	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.	3.4	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.	2.8	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.	7.5	55
21	Association of perfluoroalkyl substances exposure with impaired lung function in children. <i>Environmental Research</i> , 2017, 155, 15-21.	7.5	54
22	Association between residential greenness and metabolic syndrome in Chinese adults. <i>Environment International</i> , 2020, 135, 105388.	10.0	51
23	Greenspace and human health: An umbrella review. <i>Innovation(China)</i> , 2021, 2, 100164.	9.1	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.	7.5	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.	7.5	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.	8.2	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.	10.0	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.	10.0	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.	10.0	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.	7.5	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.	7.5	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.	8.0	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.	7.5	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.	8.0	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.	10.0	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.	2.7	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.	10.0	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.	5.9	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.	8.2	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.	10.0	37
41	Upregulation of miR-34a-5p antagonizes AFB1-induced genotoxicity in F344 rat liver. <i>Toxicol</i> , 2015, 106, 46-56.	1.6	36
42	Greenness surrounding schools is associated with lower risk of asthma in schoolchildren. <i>Environment International</i> , 2020, 143, 105967.	10.0	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.	10.0	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.	10.0	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.	7.5	34
46	Association of Breastfeeding and Air Pollution Exposure With Lung Function in Chinese Children. <i>JAMA Network Open</i> , 2019, 2, e194186.	5.9	33
47	Maternal exposure to ambient air pollution and congenital heart defects in China. <i>Environment International</i> , 2021, 153, 106548.	10.0	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.	8.2	32
49	Specific long non-coding RNAs response to occupational PAHs exposure in coke oven workers. <i>Toxicology Reports</i> , 2016, 3, 160-166.	3.3	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.	5.3	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.	8.0	28
52	PP2A-AMPK-HSF1 axis regulates the metal-inducible expression of HSPs and ROS clearance. <i>Cellular Signalling</i> , 2014, 26, 825-832.	3.6	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.	10.0	26
54	Interaction effects of polyfluoroalkyl substances and sex steroid hormones on asthma among children. <i>Scientific Reports</i> , 2017, 7, 899.	3.3	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.	10.0	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.	7.5	24
57	Perfluoroalkyl substances with isomer analysis in umbilical cord serum in China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13626-13637.	5.3	22
58	Caloric restriction attenuates C57BL/6J mouse lung injury and extra-pulmonary toxicity induced by real ambient particulate matter exposure. <i>Particle and Fibre Toxicology</i> , 2020, 17, 22.	6.2	22
59	Outdoor light at night, overweight, and obesity in school-aged children and adolescents. <i>Environmental Pollution</i> , 2022, 305, 119306.	7.5	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.	7.5	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.	4.2	19
62	Gestational exposure to perfluoroalkyl substances and congenital heart defects: A nested case-control pilot study. <i>Environment International</i> , 2021, 154, 106567.	10.0	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.	10.0	19
64	TRIM36 hypermethylation is involved in polycyclic aromatic hydrocarbons-induced cell transformation. <i>Environmental Pollution</i> , 2017, 225, 93-103.	7.5	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.	5.9	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.	4.1	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.	5.6	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.	8.2	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.	2.6	17
70	The effects of Nrf2 knockout on regulation of benzene-induced mouse hematotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2018, 358, 56-67.	2.8	16
71	Associations of perfluorooctane sulfonate alternatives and serum lipids in Chinese adults. <i>Environment International</i> , 2021, 155, 106596.	10.0	16
72	Perfluorooctane sulfonates induces neurobehavioral changes and increases dopamine neurotransmitter levels in zebrafish larvae. <i>Chemosphere</i> , 2022, 297, 134234.	8.2	16

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73	<i>MGMT</i> hypomethylation is associated with DNA damage in workers exposed to low-dose benzene. Biomarkers, 2017, 22, 470-475.	1.9	15
74	A comparison of CRISPR/Cas9 and siRNA-mediated ALDH2 gene silencing in human cell lines. Molecular Genetics and Genomics, 2018, 293, 769-783.	2.1	15
75	Alternatives of perfluoroalkyl acids and hepatitis B virus surface antibody in adults: Isomers of C8 Health Project in China. Environmental Pollution, 2020, 259, 113857.	7.5	15
76	Perfluorooctanesulfonate and perfluorooctanoate exacerbate airway inflammation in asthmatic mice and in vitro. Science of the Total Environment, 2021, 766, 142365.	8.0	15
77	Street view greenness is associated with lower risk of obesity in adults: Findings from the 33 Chinese community health study. Environmental Research, 2021, 200, 111434.	7.5	15
78	Associations between both legacy and alternative per- and polyfluoroalkyl substances and glucose-homeostasis: The Isomers of C8 health project in China. Environment International, 2022, 158, 106913.	10.0	15
79	Short-Term Effects of Particle Sizes and Constituents on Blood Biomarkers among Healthy Young Adults in Guangzhou, China. Environmental Science & Technology, 2021, 55, 5636-5647.	10.0	14
80	Association between eye-level greenness and lung function in urban Chinese children. Environmental Research, 2021, 202, 111641.	7.5	14
81	Fine and ultrafine airborne PM influence inflammation response of young adults and toxicological responses in vitro. Science of the Total Environment, 2022, 836, 155618.	8.0	13
82	Association Between Exposure to Outdoor Artificial Light at Night and Sleep Disorders Among Children in China. JAMA Network Open, 2022, 5, e2213247.	5.9	13
83	Persistent phosphorylation at specific H3 serine residues involved in chemical carcinogen-induced cell transformation. Molecular Carcinogenesis, 2017, 56, 1449-1460.	2.7	12
84	Chlorinated Polyfluorinated Ether Sulfonates and Thyroid Hormone Levels in Adults: Isomers of C8 Health Project in China. Environmental Science & Technology, 2022, 56, 6152-6161.	10.0	12
85	Exposure to second-hand smoke during early life and subsequent sleep problems in children: a population-based cross-sectional study. Environmental Health, 2021, 20, 127.	4.0	12
86	Air Pollution and Children's Health in Chinese. Advances in Experimental Medicine and Biology, 2017, 1017, 153-180.	1.6	11
87	Overweight modifies the association between long-term ambient air pollution and prehypertension in Chinese adults: the 33 Communities Chinese Health Study. Environmental Health, 2018, 17, 57.	4.0	11
88	Ambient Air Pollution and Morbidity in Chinese. Advances in Experimental Medicine and Biology, 2017, 1017, 123-151.	1.6	10
89	Relationships between Long-Term Ozone Exposure and Allergic Rhinitis and Bronchitic Symptoms in Chinese Children. Toxics, 2021, 9, 221.	3.7	10
90	Impact on lung function among children exposed to home new surface materials: The seven Northeastern Cities Study in China. Indoor Air, 2019, 29, 477-486.	4.3	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.	4.2	9
92	Improved morbidity-based air quality health index development using Bayesian multi-pollutant weighted model. <i>Environmental Research</i> , 2022, 204, 112397.	7.5	9
93	Inactivation of p 15 INK4b in chronic arsenic poisoning cases. <i>Toxicology Reports</i> , 2014, 1, 692-698.	3.3	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.	7.5	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.	7.5	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.	12.4	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.	1.6	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.	7.5	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.	3.2	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.	2.1	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.	8.0	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.	7.5	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.	7.5	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.	8.0	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.	1.9	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.	3.2	3



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109	The association between anthropogenic heat and adult hypertension in Northeast China. Science of the Total Environment, 2022, 815, 152926.	8.0	3
110	Comparison of body mass index with abdominal obesity for identifying elevated blood pressure in children and adolescents: The SNEC study. Obesity Research and Clinical Practice, 2017, 11, 406-413.	1.8	2
111	Assessment of intestinal injury of hexavalent chromium using a modified in vitro gastrointestinal digestion model. Toxicology and Applied Pharmacology, 2022, 436, 115880.	2.8	2
112	Application of human cell transformation assay on assessment of carcinogenic potential of river organic pollutants. Toxicology Research, 2015, 4, 92-98.	2.1	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. Environmental Research, 2020, 183, 109197.	7.5	1
114	Low-Level Environmental Per- and Polyfluoroalkyl Substances and Preterm Birth: A Nested Caseâ€”Control Study Among a Uyghur Population in Northwestern China. Exposure and Health, 2022, 14, 793-805.	4.9	1
115	TUBE Project: Transport-Derived Ultrafines and the Brain Effects. International Journal of Environmental Research and Public Health, 2022, 19, 311.	2.6	1
116	Simultaneous quantification of plasma immunoglobulin subclasses for assessment of maternal and fetal immune response during pregnancy. Journal of Chromatography A, 2022, 1673, 463096.	3.7	0