

Zhuohui Zhao

List of Publications by Year in descending order

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96
papers

4,351
citations

94415

37
h-index

123420

61
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97
all docs

97
docs citations

97
times ranked

4915
citing authors

#	ARTICLE	IF	CITATIONS
1	Eczema, facial erythema, and seborrheic dermatitis symptoms among young adults in China in relation to ambient air pollution, climate, and home environment. <i>Indoor Air</i> , 2022, 32, .	4.3	10
2	Impact of ozone exposure on heart rate variability and stress hormones: A randomized-crossover study. <i>Journal of Hazardous Materials</i> , 2022, 421, 126750.	12.4	35
3	Indoor microbiome, air pollutants and asthma, rhinitis and eczema in preschool children – A repeated cross-sectional study. <i>Environment International</i> , 2022, 161, 107137.	10.0	33
4	Indoor exposure to phthalates and its burden of disease in China. <i>Indoor Air</i> , 2022, 32, e13030.	4.3	20
5	Maternal exposure to PM _{2.5} /BC during pregnancy predisposes children to allergic rhinitis which varies by regions and exclusive breastfeeding. <i>Environment International</i> , 2022, 165, 107315.	10.0	7
6	Health effects of exposure to indoor volatile organic compounds from 1980 to 2017: A systematic review and meta-analysis. <i>Indoor Air</i> , 2022, 32, .	4.3	37
7	Effect of prenatal and postnatal exposure to home renovation on the risk of common cold in preschool children. <i>Indoor Air</i> , 2022, 32, .	4.3	1
8	Asthma and allergic rhinitis among young parents in China in relation to outdoor air pollution, climate and home environment. <i>Science of the Total Environment</i> , 2021, 751, 141734.	8.0	55
9	Ambient PM _{2.5} and its chemical constituents on lifetime-ever pneumonia in Chinese children: A multi-center study. <i>Environment International</i> , 2021, 146, 106176.	10.0	37
10	Acute respiratory response to individual particle exposure (PM _{1.0} , PM _{2.5} and PM ₁₀) in the elderly with and without chronic respiratory diseases. <i>Environmental Pollution</i> , 2021, 271, 116329.	7.5	23
11	On-field test and data calibration of a low-cost sensor for fine particles exposure assessment. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111958.	6.0	24
12	Prenatal and perinatal home environment and reported onset of wheeze, rhinitis and eczema symptoms in preschool children in Northern China. <i>Science of the Total Environment</i> , 2021, 774, 145700.	8.0	9
13	Indoor exposure levels of ammonia in residences, schools, and offices in China from 1980 to 2019: A systematic review. <i>Indoor Air</i> , 2021, 31, 1691-1706.	4.3	13
14	Indoor bacterial, fungal and viral species and functional genes in urban and rural schools in Shanxi Province, China – association with asthma, rhinitis and rhinoconjunctivitis in high school students. <i>Microbiome</i> , 2021, 9, 138.	11.1	34
15	Indoor exposure levels of radon in dwellings, schools, and offices in China from 2000 to 2020: A systematic review. <i>Indoor Air</i> , 2021, , .	4.3	11
16	Classroom microbiome, functional pathways and sick-building syndrome (SBS) in urban and rural schools - Potential roles of indoor microbial amino acids and vitamin metabolites. <i>Science of the Total Environment</i> , 2021, 795, 148879.	8.0	14
17	The decay of airborne bacteria and fungi in a constant temperature and humidity test chamber. <i>Environment International</i> , 2021, 157, 106816.	10.0	10
18	Overlooked Significant Impact of Trace Metals on the Bacterial Community of PM _{2.5} in High-Time Resolution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035408.	3.3	3

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19	Elemental composition of ambient air particles in Taiyuan, China: evaluation of lifetime cancer and non-cancer risks. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020, 26, 1391-1406.	3.4	4
20	Onset of respiratory symptoms among Chinese students: associations with dampness and redecoration, PM ₁₀ , NO ₂ , SO ₂ and inadequate ventilation in the school. <i>Journal of Asthma</i> , 2020, 57, 495-504.	1.7	9
21	Furry pet-related wheeze and rhinitis in pre-school children across China: Associations with early life dampness and mould, furry pet keeping, outdoor temperature, PM10 and PM2.5. <i>Environment International</i> , 2020, 144, 106033.	10.0	26
22	Common cold among young adults in China without a history of asthma or allergic rhinitis - associations with warmer climate zone, dampness and mould at home, and outdoor PM10 and PM2.5. <i>Science of the Total Environment</i> , 2020, 749, 141580.	8.0	12
23	Indoor exposure levels of bacteria and fungi in residences, schools, and offices in China: A systematic review. <i>Indoor Air</i> , 2020, 30, 1147-1165.	4.3	36
24	Necessity of personal sampling for exposure assessment on specific constituents of PM2.5: Results of a panel study in Shanghai, China. <i>Environment International</i> , 2020, 141, 105786.	10.0	20
25	Effects of parental smoking and indoor tobacco smoke exposure on respiratory outcomes in children. <i>Scientific Reports</i> , 2020, 10, 4311.	3.3	26
26	Willingness to pay for staying away from haze: Evidence from a quasi-natural experiment in Xi'an. <i>Journal of Environmental Management</i> , 2020, 262, 110301.	7.8	17
27	Associations between household renovation and rhinitis among preschool children in China: A cross-sectional study. <i>Indoor Air</i> , 2020, 30, 827-840.	4.3	8
28	Ozone exposure leads to changes in airway permeability, microbiota and metabolome: a randomised, double-blind, crossover trial. <i>European Respiratory Journal</i> , 2020, 56, 2000165.	6.7	21
29	High prevalence of eczema among preschool children related to home renovation in China: A multi-city-based cross-sectional study. <i>Indoor Air</i> , 2019, 29, 748-760.	4.3	15
30	Personal Fine Particulate Matter Constituents, Increased Systemic Inflammation, and the Role of DNA Hypomethylation. <i>Environmental Science & Technology</i> , 2019, 53, 9837-9844.	10.0	37
31	Effects of filtered fresh air ventilation on classroom indoor air and biomarkers in saliva and nasal samples: A randomized crossover intervention study in preschool children. <i>Environmental Research</i> , 2019, 179, 108749.	7.5	15
32	Onset and remission of rhinitis among students in relation to the home and school environment—A cohort study from Northern China. <i>Indoor Air</i> , 2019, 29, 527-538.	4.3	4
33	Household dampness-related exposures in relation to childhood asthma and rhinitis in China: A multicentre observational study. <i>Environment International</i> , 2019, 126, 735-746.	10.0	44
34	The effects of firework regulation on air quality and public health during the Chinese Spring Festival from 2013 to 2017 in a Chinese megacity. <i>Environment International</i> , 2019, 126, 96-106.	10.0	64
35	Household renovation before and during pregnancy in relation to preterm birth and low birthweight in China. <i>Indoor Air</i> , 2019, 29, 202-214.	4.3	10
36	Profile of inhalable bacteria in PM2.5 at Mt. Tai, China: Abundance, community, and influence of air mass trajectories. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 110-119.	6.0	31

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37	Evaluating the feasibility of a personal particle exposure monitor in outdoor and indoor microenvironments in Shanghai, China. <i>International Journal of Environmental Health Research</i> , 2019, 29, 209-220.	2.7	16
38	Associations of household renovation materials and periods with childhood asthma, in China: A retrospective cohort study. <i>Environment International</i> , 2018, 113, 240-248.	10.0	27
39	Residential risk factors for childhood pneumonia: A cross-sectional study in eight cities of China. <i>Environment International</i> , 2018, 116, 83-91.	10.0	40
40	The effects of PM _{2.5} on asthmatic and allergic diseases or symptoms in preschool children of six Chinese cities, based on China, Children, Homes and Health (CCHH) project. <i>Environmental Pollution</i> , 2018, 232, 329-337.	7.5	110
41	Evaluation on exposures to particulate matter at a junior secondary school: a comprehensive study on health risks and effective inflammatory responses in Northwestern China. <i>Environmental Geochemistry and Health</i> , 2018, 40, 849-863.	3.4	7
42	Associations of urinary phthalate metabolites with residential characteristics, lifestyles, and dietary habits among young children in Shanghai, China. <i>Science of the Total Environment</i> , 2018, 616-617, 1288-1297.	8.0	37
43	Possible Mediation by Methylation in Acute Inflammation Following Personal Exposure to Fine Particulate Air Pollution. <i>American Journal of Epidemiology</i> , 2018, 187, 484-493.	3.4	48
44	Fine Particulate Air Pollution and the Expression of microRNAs and Circulating Cytokines Relevant to Inflammation, Coagulation, and Vasoconstriction. <i>Environmental Health Perspectives</i> , 2018, 126, 017007.	6.0	130
45	Effects of Personal Short-Term Exposure to Ambient Ozone on Blood Pressure and Vascular Endothelial Function: A Mechanistic Study Based on DNA Methylation and Metabolomics. <i>Environmental Science & Technology</i> , 2018, 52, 12774-12782.	10.0	56
46	Urinary phthalate metabolites in relation to childhood asthmatic and allergic symptoms in Shanghai. <i>Environment International</i> , 2018, 121, 276-286.	10.0	43
47	Fine particulate matter constituents and stress hormones in the hypothalamus-pituitary-adrenal axis. <i>Environment International</i> , 2018, 119, 186-192.	10.0	84
48	Personal Ozone Exposure and Respiratory Inflammatory Response: The Role of DNA Methylation in the Arginase-Nitric Oxide Synthase Pathway. <i>Environmental Science & Technology</i> , 2018, 52, 8785-8791.	10.0	35
49	Lifetime-ever pneumonia among pre-school children across China - Associations with pre-natal and post-natal early life environmental factors. <i>Environmental Research</i> , 2018, 167, 418-427.	7.5	27
50	Estimation of personal PM _{2.5} and BC exposure by a modeling approach - Results of a panel study in Shanghai, China. <i>Environment International</i> , 2018, 118, 194-202.	10.0	36
51	Personal exposure to fine particulate matter, lung function and serum club cell secretory protein (Clara). <i>Environmental Pollution</i> , 2017, 225, 450-455.	7.5	60
52	The Acute Effects of Fine Particulate Matter Constituents on Blood Inflammation and Coagulation. <i>Environmental Science & Technology</i> , 2017, 51, 8128-8137.	10.0	86
53	Common cold among pre-school children in China - associations with ambient PM ₁₀ and dampness, mould, cats, dogs, rats and cockroaches in the home environment. <i>Environment International</i> , 2017, 103, 13-22.	10.0	45
54	Fine particulate matter constituents and blood pressure in patients with chronic obstructive pulmonary disease: A panel study in Shanghai, China. <i>Environmental Research</i> , 2017, 159, 291-296.	7.5	46

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55	Particulate Matter Exposure and Stress Hormone Levels. <i>Circulation</i> , 2017, 136, 618-627.	1.6	364
56	Indoor PM2.5 exposure affects skin aging manifestation in a Chinese population. <i>Scientific Reports</i> , 2017, 7, 15329.	3.3	42
57	Acute effects of ambient temperature and particulate air pollution on fractional exhaled nitric oxide: A panel study among diabetic patients in Shanghai, China. <i>Journal of Epidemiology</i> , 2017, 27, 584-589.	2.4	22
58	Urine Metabolites of Phthalate Esters in 434 Shanghai Children and Their Associations with Ventilation Habits. <i>Procedia Engineering</i> , 2017, 205, 1146-1151.	1.2	4
59	Validation of a light-scattering PM2.5 sensor monitor based on the long-term gravimetric measurements in field tests. <i>PLoS ONE</i> , 2017, 12, e0185700.	2.5	38
60	Residential Risk Factors for Atopic Dermatitis in 3- to 6-Year Old Children: A Cross-Sectional Study in Shanghai, China. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 537.	2.6	22
61	DNA hypomethylation and its mediation in the effects of fine particulate air pollution on cardiovascular biomarkers: A randomized crossover trial. <i>Environment International</i> , 2016, 94, 614-619.	10.0	77
62	Household indoor air quality and its associations with childhood asthma in Shanghai, China: On-site inspected methods and preliminary results. <i>Environmental Research</i> , 2016, 151, 154-167.	7.5	47
63	Associations of gestational and early life exposures to ambient air pollution with childhood atopic eczema in Shanghai, China. <i>Science of the Total Environment</i> , 2016, 572, 34-42.	8.0	47
64	Personal exposure to fine particulate matter and blood pressure: A role of angiotensin converting enzyme and its DNA methylation. <i>Environment International</i> , 2016, 94, 661-666.	10.0	76
65	Association between fine particulate matter chemical constituents and airway inflammation: A panel study among healthy adults in China. <i>Environmental Research</i> , 2016, 150, 264-268.	7.5	65
66	The cold effects on circulatory inflammation, thrombosis and vasoconstriction in type 2 diabetic patients. <i>Science of the Total Environment</i> , 2016, 568, 271-277.	8.0	34
67	The first 2-year home environment in relation to the new onset and remission of asthmatic and allergic symptoms in 4246 preschool children. <i>Science of the Total Environment</i> , 2016, 553, 204-210.	8.0	27
68	Ambient carbon monoxide associated with alleviated respiratory inflammation in healthy young adults. <i>Environmental Pollution</i> , 2016, 208, 294-298.	7.5	23
69	Updated Prevalences of Asthma, Allergy, and Airway Symptoms, and a Systematic Review of Trends over Time for Childhood Asthma in Shanghai, China. <i>PLoS ONE</i> , 2015, 10, e0121577.	2.5	87
70	Home Dampness Signs in Association with Asthma and Allergic Diseases in 4618 Preschool Children in Urumqi, China-The Influence of Ventilation/Cleaning Habits. <i>PLoS ONE</i> , 2015, 10, e0134359.	2.5	18
71	Cardiopulmonary Benefits of Reducing Indoor Particles of Outdoor Origin. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2279-2287.	2.8	214
72	Long-term variations in the association between ambient temperature and daily cardiovascular mortality in Shanghai, China. <i>Science of the Total Environment</i> , 2015, 538, 524-530.	8.0	54

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73	Short-term exposure to ambient air pollution and coronary heart disease mortality in 8 Chinese cities. <i>International Journal of Cardiology</i> , 2015, 197, 265-270.	1.7	70
74	Ambient air pollution, temperature and out-of-hospital coronary deaths in Shanghai, China. <i>Environmental Pollution</i> , 2015, 203, 116-121.	7.5	45
75	Associations between size-fractionated particulate air pollution and blood pressure in a panel of type II diabetes mellitus patients. <i>Environment International</i> , 2015, 80, 19-25.	10.0	33
76	Particulate air pollution and circulating biomarkers among type 2 diabetic mellitus patients: the roles of particle size and time windows of exposure. <i>Environmental Research</i> , 2015, 140, 112-118.	7.5	35
77	Ambient air pollution, blood mitochondrial DNA copy number and telomere length in a panel of diabetes patients. <i>Inhalation Toxicology</i> , 2015, 27, 481-487.	1.6	23
78	Fine Particulate Matter Constituents, Nitric Oxide Synthase DNA Methylation and Exhaled Nitric Oxide. <i>Environmental Science & Technology</i> , 2015, 49, 11859-11865.	10.0	96
79	Sick building syndrome, perceived odors, sensation of air dryness and indoor environment in Urumqi, China. <i>Science Bulletin</i> , 2014, 59, 5153-5160.	1.7	13
80	Extreme temperatures and out-of-hospital coronary deaths in six large Chinese cities. <i>Journal of Epidemiology and Community Health</i> , 2014, 68, 1119-1124.	3.7	54
81	Association of building characteristics, residential heating and ventilation with asthmatic symptoms of preschool children in Shanghai: A cross-sectional study. <i>Indoor and Built Environment</i> , 2014, 23, 270-283.	2.8	29
82	A Longitudinal Study of Sick Building Syndrome (SBS) among Pupils in Relation to SO ₂ , NO ₂ , O ₃ and PM ₁₀ in Schools in China. <i>PLoS ONE</i> , 2014, 9, e112933.	2.5	39
83	Ten cities cross-sectional questionnaire survey of children asthma and other allergies in China. <i>Science Bulletin</i> , 2013, 58, 4182-4189.	1.7	211
84	Prenatal and early life home environment exposure in relation to preschool children's asthma, allergic rhinitis and eczema in Taiyuan, China. <i>Science Bulletin</i> , 2013, 58, 4245-4251.	1.7	34
85	Home risk factors for childhood pneumonia in Nanjing, China. <i>Science Bulletin</i> , 2013, 58, 4230-4236.	1.7	22
86	Carbon dioxide (CO ₂) demand-controlled ventilation in university computer classrooms and possible effects on headache, fatigue and perceived indoor environment: an intervention study. <i>International Archives of Occupational and Environmental Health</i> , 2013, 86, 199-209.	2.3	51
87	Effects of ozone and fine particulate matter (PM _{2.5}) on rat system inflammation and cardiac function. <i>Toxicology Letters</i> , 2013, 217, 23-33.	0.8	105
88	Fractional exhaled nitric oxide in Chinese children with asthma and allergies—A two-city study. <i>Respiratory Medicine</i> , 2013, 107, 161-171.	2.9	24
89	Housing characteristics and indoor environment in relation to children's asthma, allergic diseases and pneumonia in Urumqi, China. <i>Science Bulletin</i> , 2013, 58, 4237-4244.	1.7	28
90	Temperature modifies the acute effect of particulate air pollution on mortality in eight Chinese cities. <i>Science of the Total Environment</i> , 2012, 435-436, 215-221.	8.0	72

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91	Prevalence of Childhood Atopic Dermatitis: An Urban and Rural Community-Based Study in Shanghai, China. PLoS ONE, 2012, 7, e36174.	2.5	74
92	A longitudinal study of sick building syndrome among pupils in relation to microbial components in dust in schools in China. Science of the Total Environment, 2011, 409, 5253-5259.	8.0	51
93	Fractional Exhaled Nitric Oxide in Relation to Asthma, Allergic Rhinitis, and Atopic Dermatitis in Chinese Children. Journal of Asthma, 2011, 48, 1001-1006.	1.7	25
94	Asthmatic symptoms among pupils in relation to microbial dust exposure in schools in Taiyuan, China. Pediatric Allergy and Immunology, 2008, 19, 455-465.	2.6	80
95	Asthmatic Symptoms among Pupils in Relation to Winter Indoor and Outdoor Air Pollution in Schools in Taiyuan, China. Environmental Health Perspectives, 2008, 116, 90-97.	6.0	143
96	Purification and Characterization of a 24 kDa Protein from Tartary Buckwheat Seeds. Bioscience, Biotechnology and Biochemistry, 2004, 68, 1409-1413.	1.3	25