

Junfeng Jim Zhang

List of Publications by Year in descending order

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225
papers

13,684
citations

27035

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31191

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all docs

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docs citations

225
times ranked

16526
citing authors

#	ARTICLE	IF	CITATIONS
1	Respiratory Effects of Exposure to Diesel Traffic in Persons with Asthma. <i>New England Journal of Medicine</i> , 2007, 357, 2348-2358.	13.9	756
2	Household Air Pollution from Coal and Biomass Fuels in China: Measurements, Health Impacts, and Interventions. <i>Environmental Health Perspectives</i> , 2007, 115, 848-855.	2.8	611
3	Greenhouse gases and other airborne pollutants from household stoves in China: a database for emission factors. <i>Atmospheric Environment</i> , 2000, 34, 4537-4549.	1.9	455
4	Environmental health in China: progress towards clean air and safe water. <i>Lancet, The</i> , 2010, 375, 1110-1119.	6.3	383
5	Ozone Pollution: A Major Health Hazard Worldwide. <i>Frontiers in Immunology</i> , 2019, 10, 2518.	2.2	357
6	Association Between Changes in Air Pollution Levels During the Beijing Olympics and Biomarkers of Inflammation and Thrombosis in Healthy Young Adults. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 2068-78.	3.8	330
7	Respiratory and cardiovascular responses to walking down a traffic-polluted road compared with walking in a traffic-free area in participants aged 60 years and older with chronic lung or heart disease and age-matched healthy controls: a randomised, crossover study. <i>Lancet, The</i> , 2018, 391, 339-349.	6.3	294
8	Indoor air pollution: a global health concern. <i>British Medical Bulletin</i> , 2003, 68, 209-225.	2.7	291
9	Combustion sources of particles. 1. Health relevance and source signatures. <i>Chemosphere</i> , 2002, 49, 1045-1058.	4.2	265
10	Greenhouse Implications of Household Stoves: An Analysis for India. <i>Annual Review of Environment and Resources</i> , 2000, 25, 741-763.	1.2	249
11	Influence of ambient (outdoor) sources on residential indoor and personal PM2.5 concentrations: Analyses of RIOPA data. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005, 15, 17-28.	1.8	231
12	Ozone and limonene in indoor air: a source of submicron particle exposure.. <i>Environmental Health Perspectives</i> , 2000, 108, 1139-1145.	2.8	228
13	Inflammatory and Oxidative Stress Responses of Healthy Young Adults to Changes in Air Quality during the Beijing Olympics. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 1150-1159.	2.5	200
14	Current State of the Science: Health Effects and Indoor Environmental Quality. <i>Environmental Health Perspectives</i> , 2007, 115, 958-964.	2.8	188
15	Association of Ozone Exposure With Cardiorespiratory Pathophysiologic Mechanisms in Healthy Adults. <i>JAMA Internal Medicine</i> , 2017, 177, 1344.	2.6	183
16	Chronic exposure to air pollution particles increases the risk of obesity and metabolic syndrome: findings from a natural experiment in Beijing. <i>FASEB Journal</i> , 2016, 30, 2115-2122.	0.2	181
17	Characteristics of aldehydes: concentrations, sources, and exposures for indoor and outdoor residential microenvironments. <i>Environmental Science & Technology</i> , 1994, 28, 146-152.	4.6	179
18	Emissions of Carbonyl Compounds from Various Cookstoves in China. <i>Environmental Science & Technology</i> , 1999, 33, 2311-2320.	4.6	162

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19	Ozone-Initiated Reactions with Mixtures of Volatile Organic Compounds under Simulated Indoor Conditions. <i>Environmental Science & Technology</i> , 2003, 37, 1811-1821.	4.6	162
20	Children's respiratory morbidity prevalence in relation to air pollution in four Chinese cities.. <i>Environmental Health Perspectives</i> , 2002, 110, 961-967.	2.8	156
21	Ozone-Initiated Chemistry in an Occupied Simulated Aircraft Cabin. <i>Environmental Science & Technology</i> , 2007, 41, 6177-6184.	4.6	156
22	Chinese haze versus Western smog: lessons learned. <i>Journal of Thoracic Disease</i> , 2015, 7, 3-13.	0.6	151
23	Ambient Concentrations and Elemental Compositions of PM10 and PM2.5 in Four Chinese Cities. <i>Environmental Science & Technology</i> , 1999, 33, 4188-4193.	4.6	148
24	Mosquito coil emissions and health implications.. <i>Environmental Health Perspectives</i> , 2003, 111, 1454-1460.	2.8	140
25	Differences in Birth Weight Associated with the 2008 Beijing Olympics Air Pollution Reduction: Results from a Natural Experiment. <i>Environmental Health Perspectives</i> , 2015, 123, 880-887.	2.8	139
26	Estimating contributions of indoor and outdoor sources to indoor carbonyl concentrations in three urban areas of the United States. <i>Atmospheric Environment</i> , 2006, 40, 2202-2214.	1.9	137
27	Residential air exchange rates in three major US metropolitan areas: results from the Relationship Among Indoor, Outdoor, and Personal Air Study 1999-2001. <i>Indoor Air</i> , 2010, 20, 85-90.	2.0	137
28	Implications of changes in household stoves and fuel use in China. <i>Energy Policy</i> , 2004, 32, 395-411.	4.2	134
29	Relationship of Indoor, Outdoor and Personal Air (RIOPA) study: study design, methods and quality assurance/control results. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005, 15, 123-137.	1.8	134
30	Emissions of greenhouse gases and other airborne pollutants from charcoal making in Kenya and Brazil. <i>Journal of Geophysical Research</i> , 2001, 106, 24143-24155.	3.3	125
31	PM _{2.5} Constituents and Oxidative DNA Damage in Humans. <i>Environmental Science & Technology</i> , 2009, 43, 4757-4762.	4.6	118
32	Health Effects of a Mixture of Indoor Air Volatile Organics, Their Ozone Oxidation Products, and Stress. <i>Environmental Health Perspectives</i> , 2005, 113, 1542-1548.	2.8	112
33	Personal exposure to particulate PAHs and anthraquinone and oxidative DNA damages in humans. <i>Chemosphere</i> , 2010, 81, 1280-1285.	4.2	106
34	Comparisons of Ultrafine and Fine Particles in Their Associations with Biomarkers Reflecting Physiological Pathways. <i>Environmental Science & Technology</i> , 2014, 48, 5264-5273.	4.6	105
35	Comparison of the Revised Air Quality Index with the PSI and AQI indices. <i>Science of the Total Environment</i> , 2007, 382, 191-198.	3.9	102
36	The Stability of Silver Nanoparticles in a Model of Pulmonary Surfactant. <i>Environmental Science & Technology</i> , 2013, 47, 11232-11240.	4.6	99

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37	Characterization of Non-methane Hydrocarbons Emitted from Various Cookstoves Used in China. <i>Environmental Science & Technology</i> , 2003, 37, 2869-2877.	4.6	98
38	Emissions of Air Pollutants from Household Stoves:Â Honeycomb Coal versus Coal Cake. <i>Environmental Science & Technology</i> , 2004, 38, 4612-4618.	4.6	95
39	Pulmonary Toxicity of Instilled Silver Nanoparticles: Influence of Size, Coating and Rat Strain. <i>PLoS ONE</i> , 2015, 10, e0119726.	1.1	94
40	Characterization of emissions from portable household combustion devices: particle size distributions, emission rates and factors, and potential exposures. <i>Atmospheric Environment</i> , 2001, 35, 1281-1290.	1.9	89
41	Selective detection of monohydroxy metabolites of polycyclic aromatic hydrocarbons in urine using liquid chromatography/triple quadrupole tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2299-2308.	0.7	88
42	Reducing Indoor Levels of â€œOutdoor PM_{2.5}â€•in Urban China: Impact on Mortalities. <i>Environmental Science & Technology</i> , 2019, 53, 3119-3127.	4.6	88
43	Policies to promote energy efficiency and air emissions reductions in China's electric power generation sector during the 11th and 12th five-year plan periods: Achievements, remaining challenges, and opportunities. <i>Energy Policy</i> , 2019, 125, 429-444.	4.2	88
44	Cardiopulmonary effects of overnight indoor air filtration in healthy non-smoking adults: A double-blind randomized crossover study. <i>Environment International</i> , 2018, 114, 27-36.	4.8	80
45	Roles of mitochondrial ROS and NLRP3 inflammasome in multiple ozone-induced lung inflammation and emphysema. <i>Respiratory Research</i> , 2018, 19, 230.	1.4	77
46	Effects of Surface Type and Relative Humidity on the Production and Concentration of Nitrous Acid in a Model Indoor Environment. <i>Environmental Science & Technology</i> , 2001, 35, 2200-2206.	4.6	72
47	Malondialdehyde in exhaled breath condensate and urine as a biomarker of air pollution induced oxidative stress. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 322-327.	1.8	72
48	Ambient Particulate Matter and Lung Function Growth in Chinese Children. <i>Epidemiology</i> , 2012, 23, 464-472.	1.2	70
49	Effects of air pollution on mitochondrial function, mitochondrial DNA methylation, and mitochondrial peptide expression. <i>Mitochondrion</i> , 2019, 46, 22-29.	1.6	70
50	Regulatory standards related to building energy conservation and indoor-air-quality during rapid urbanization in China. <i>Energy and Buildings</i> , 2004, 36, 1299-1308.	3.1	66
51	Using air pollution based community clusters to explore air pollution health effects in children. <i>Environment International</i> , 2004, 30, 611-620.	4.8	66
52	Carbon monoxide from cookstoves in developing countries: 1. Emission factors. <i>Chemosphere</i> , 1999, 1, 353-366.	1.2	65
53	How Does Infiltration Behavior Modify the Composition of Ambient PM_{2.5} in Indoor Spaces? An Analysis of RIOPA Data. <i>Environmental Science & Technology</i> , 2007, 41, 7315-7321.	4.6	65
54	Relationship between free and total malondialdehyde, a well-established marker of oxidative stress, in various types of human biospecimens. <i>Journal of Thoracic Disease</i> , 2018, 10, 3088-3197.	0.6	65

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55	Impacts of a Nanosized Ceria Additive on Diesel Engine Emissions of Particulate and Gaseous Pollutants. <i>Environmental Science & Technology</i> , 2013, 47, 13077-13085.	4.6	63
56	Dietary intake polycyclic aromatic hydrocarbons (PAHs) and associated cancer risk in a cohort of Chinese urban adults: Inter- and intra-individual variability. <i>Chemosphere</i> , 2016, 144, 2469-2475.	4.2	63
57	Co-formation of hydroperoxides and ultra-fine particles during the reactions of ozone with a complex VOC mixture under simulated indoor conditions. <i>Atmospheric Environment</i> , 2005, 39, 5171-5182.	1.9	61
58	Suppression of the NF- κ B Pathway by Diesel Exhaust Particles Impairs Human Antimycobacterial Immunity. <i>Journal of Immunology</i> , 2012, 188, 2778-2793.	0.4	61
59	Characterization of polycyclic aromatic hydrocarbons (PAHs) in vegetables near industrial areas of Shanghai, China: Sources, exposure, and cancer risk. <i>Environmental Pollution</i> , 2018, 241, 750-758.	3.7	61
60	Long-term ambient air pollution levels in four Chinese cities: inter-city and intra-city concentration gradients for epidemiological studies. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2001, 11, 341-351.	1.8	60
61	Combined use of an electrostatic precipitator and a high-efficiency particulate air filter in building ventilation systems: Effects on cardiorespiratory health indicators in healthy adults. <i>Indoor Air</i> , 2018, 28, 360-372.	2.0	57
62	Sulfidation of silver nanowires inside human alveolar epithelial cells: a potential detoxification mechanism. <i>Nanoscale</i> , 2013, 5, 9839.	2.8	56
63	Ozone in Residential Air: Concentrations, I/O Ratios, Indoor Chemistry, and Exposures. <i>Indoor Air</i> , 1994, 4, 95-105.	2.0	55
64	Relationships between personal, indoor, and outdoor exposures to trace elements in PM _{2.5} . <i>Science of the Total Environment</i> , 2007, 386, 21-32.	3.9	55
65	A controlled trial of acute effects of human exposure to traffic particles on pulmonary oxidative stress and heart rate variability. <i>Particle and Fibre Toxicology</i> , 2014, 11, 45.	2.8	55
66	Mitochondrial ROS and NLRP3 inflammasome in acute ozone-induced murine model of airway inflammation and bronchial hyperresponsiveness. <i>Free Radical Research</i> , 2019, 53, 780-790.	1.5	55
67	Indoor Air Chemistry: Formation of Organic Acids and Aldehydes. <i>Environmental Science & Technology</i> , 1994, 28, 1975-1982.	4.6	54
68	Peak expiratory flow, breath rate and blood pressure in adults with changes in particulate matter air pollution during the Beijing Olympics: A panel study. <i>Environmental Research</i> , 2014, 133, 4-11.	3.7	52
69	Combustion sources of particles: 2. Emission factors and measurement methods. <i>Chemosphere</i> , 2002, 49, 1059-1074.	4.2	51
70	Typical Household Vacuum Cleaners: The Collection Efficiency and Emissions Characteristics for Fine Particles. <i>Journal of the Air and Waste Management Association</i> , 1999, 49, 200-206.	0.9	50
71	Source Proximity and Outdoor-Residential VOC Concentrations: Results from the RIOPA Study. <i>Environmental Science & Technology</i> , 2006, 40, 4074-4082.	4.6	50
72	Hazardous chemicals in synthetic turf materials and their bioaccessibility in digestive fluids. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2008, 18, 600-607.	1.8	50

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73	Triggering of Transmural Infarctions, but Not Nontransmural Infarctions, by Ambient Fine Particles. <i>Environmental Health Perspectives</i> , 2010, 118, 1229-1234.	2.8	48
74	Air concentrations of VOCs in portable and traditional classrooms: Results of a pilot study in Los Angeles County. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2004, 14, 44-59.	1.8	47
75	Quantification of 1-aminopyrene in human urine after a controlled exposure to diesel exhaust. <i>Journal of Environmental Monitoring</i> , 2009, 11, 153-159.	2.1	46
76	The influence of air cleaners on indoor particulate matter components and oxidative potential in residential households in Beijing. <i>Science of the Total Environment</i> , 2018, 626, 507-518.	3.9	46
77	Evaluation and Comparison of Continuous Fine Particulate Matter Monitors for Measurement of Ambient Aerosols. <i>Journal of the Air and Waste Management Association</i> , 2007, 57, 1499-1506.	0.9	45
78	Using Low-cost sensors to Quantify the Effects of Air Filtration on Indoor and Personal Exposure Relevant PM _{2.5} Concentrations in Beijing, China. <i>Aerosol and Air Quality Research</i> , 2020, 20, 297-313.	0.9	45
79	Sensory and Cognitive Effects of Acute Exposure to Hydrogen Sulfide. <i>Environmental Health Perspectives</i> , 2008, 116, 78-85.	2.8	44
80	<p>Effects of job conditions, occupational stress, and emotional intelligence on chronic fatigue among Chinese nurses: a cross-sectional study</p>. <i>Psychology Research and Behavior Management</i> , 2019, Volume 12, 351-360.	1.3	44
81	Development of the Personal Aldehydes and Ketones Sampler Based upon DNSH Derivatization on Solid Sorbent. <i>Environmental Science & Technology</i> , 2000, 34, 2601-2607.	4.6	43
82	Boiler Briquette Coal versus Raw Coal: Part I—Stack Gas Emissions. <i>Journal of the Air and Waste Management Association</i> , 2001, 51, 524-533.	0.9	43
83	A functional group characterization of organic PM _{2.5} exposure: Results from the RIOPA study. <i>Atmospheric Environment</i> , 2007, 41, 4585-4598.	1.9	43
84	Concentrations of urinary 8-hydroxy-2'-deoxyguanosine and 8-isoprostane in women exposed to woodsmoke in a cookstove intervention study in San Marcos, Peru. <i>Environment International</i> , 2013, 60, 112-122.	4.8	43
85	Modulation of Human Macrophage Responses to Mycobacterium tuberculosis by Silver Nanoparticles of Different Size and Surface Modification. <i>PLoS ONE</i> , 2015, 10, e0143077.	1.1	43
86	Pulmonary effects of inhalation of spark-generated silver nanoparticles in Brown-Norway and Sprague-Dawley rats. <i>Respiratory Research</i> , 2016, 17, 85.	1.4	42
87	Ozone, Electrostatic Precipitators, and Particle Number Concentrations: Correlations Observed in a Real Office during Working Hours. <i>Environmental Science & Technology</i> , 2016, 50, 10236-10244.	4.6	42
88	Effect of pulmonary surfactant on the dissolution, stability and uptake of zinc oxide nanowires by human respiratory epithelial cells. <i>Nanotoxicology</i> , 2016, 10, 1351-1362.	1.6	42
89	Models to predict emissions of health-damaging pollutants and global warming contributions of residential fuel/stove combinations in China. <i>Chemosphere</i> , 2003, 50, 201-215.	4.2	41
90	Factor analysis of household factors: are they associated with respiratory conditions in Chinese children?. <i>International Journal of Epidemiology</i> , 2004, 33, 582-588.	0.9	41

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91	Functional group characterization of indoor, outdoor, and personal PM _{2.5} : results from RIOPA. <i>Indoor Air</i> , 2005, 15, 53-61.	2.0	41
92	Acute Decreases in Proteasome Pathway Activity after Inhalation of Fresh Diesel Exhaust or Secondary Organic Aerosol. <i>Environmental Health Perspectives</i> , 2011, 119, 658-663.	2.8	41
93	The Triggering of Myocardial Infarction by Fine Particles Is Enhanced When Particles Are Enriched in Secondary Species. <i>Environmental Science & Technology</i> , 2013, 47, 9414-9423.	4.6	41
94	Levels of Urinary Metabolites of Organophosphate Flame Retardants, TDCIPP, and TPHP, in Pregnant Women in Shanghai. <i>Journal of Environmental and Public Health</i> , 2016, 2016, 1-7.	0.4	41
95	Sources of volatile organic compounds in suburban homes in Shanghai, China, and the impact of air filtration on compound concentrations. <i>Chemosphere</i> , 2019, 231, 256-268.	4.2	41
96	Effects of Air Pollution on Children's Respiratory Health in Three Chinese Cities. <i>Archives of Environmental Health</i> , 2000, 55, 126-133.	0.4	40
97	Negative ions offset cardiorespiratory benefits of PM _{2.5} reduction from residential use of negative ion air purifiers. <i>Indoor Air</i> , 2021, 31, 220-228.	2.0	40
98	Effects of N-Acetylcysteine in Ozone-Induced Chronic Obstructive Pulmonary Disease Model. <i>PLoS ONE</i> , 2013, 8, e80782.	1.1	40
99	Alteration of peripheral blood monocyte gene expression in humans following diesel exhaust inhalation. <i>Inhalation Toxicology</i> , 2012, 24, 172-181.	0.8	39
100	The Cardiopulmonary Effects of Ambient Air Pollution and Mechanistic Pathways: A Comparative Hierarchical Pathway Analysis. <i>PLoS ONE</i> , 2014, 9, e114913.	1.1	39
101	The impact of household air cleaners on the oxidative potential of PM _{2.5} and the role of metals and sources associated with indoor and outdoor exposure. <i>Environmental Research</i> , 2020, 181, 108919.	3.7	39
102	Effects of Air Pollution on Respiratory Health of Adults in Three Chinese Cities. <i>Archives of Environmental Health</i> , 1999, 54, 373-381.	0.4	38
103	Spatial variation of volatile organic compounds in a "Hot Spot" for air pollution. <i>Atmospheric Environment</i> , 2008, 42, 7329-7338.	1.9	37
104	Hydrogen Sulfide Prevents and Partially Reverses Ozone-Induced Features of Lung Inflammation and Emphysema in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 72-81.	1.4	36
105	Nasal Effects of a Mixture of Volatile Organic Compounds and Their Ozone Oxidation Products. <i>Journal of Occupational and Environmental Medicine</i> , 2005, 47, 1182-1189.	0.9	35
106	Probabilistic Estimates of Lifetime Daily Doses from Consumption of Drinking Water Containing Trace Levels of N,N-diethyl-meta-toluamide (DEET), Triclosan, or Acetaminophen and the Associated Risk to Human Health. <i>Human and Ecological Risk Assessment (HERA)</i> , 2007, 13, 615-631.	1.7	35
107	Inhibitory Effect of Hydrogen Sulfide on Ozone-Induced Airway Inflammation, Oxidative Stress, and Bronchial Hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 129-137.	1.4	35
108	Season and size of urban particulate matter differentially affect cytotoxicity and human immune responses to <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2019, 14, e0219122.	1.1	35

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109	Traffic-related air pollution induces non-allergic eosinophilic airway inflammation and cough hypersensitivity in guinea pigs. <i>Clinical and Experimental Allergy</i> , 2019, 49, 366-377.	1.4	35
110	Traffic-related environmental factors and childhood obesity: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2021, 22, e12995.	3.1	35
111	The impact of household air cleaners on the chemical composition and children's exposure to PM2.5 metal sources in suburban Shanghai. <i>Environmental Pollution</i> , 2019, 253, 190-198.	3.7	34
112	Controlled Exposure to Diesel Exhaust Causes Increased Nitrite in Exhaled Breath Condensate Among Subjects With Asthma. <i>Journal of Occupational and Environmental Medicine</i> , 2012, 54, 1186-1191.	0.9	33
113	High-Resolution Analytical Electron Microscopy Reveals Cell Culture Media-Induced Changes to the Chemistry of Silver Nanowires. <i>Environmental Science & Technology</i> , 2013, 47, 13813-13821.	4.6	33
114	Modeling population exposures to silver nanoparticles present in consumer products. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	33
115	Dynamic population flow based risk analysis of infectious disease propagation in a metropolis. <i>Environment International</i> , 2016, 94, 369-379.	4.8	33
116	Urban airborne particle exposure impairs human lung and blood <i>Mycobacterium tuberculosis</i> immunity. <i>Thorax</i> , 2019, 74, 675-683.	2.7	33
117	Personal Exposure to PM _{2.5} Oxidative Potential in Association with Pulmonary Pathophysiologic Outcomes in Children with Asthma. <i>Environmental Science & Technology</i> , 2021, 55, 3101-3111.	4.6	33
118	Acute Changes in Heart Rate Variability in Subjects With Diabetes Following a Highway Traffic Exposure. <i>Journal of Occupational and Environmental Medicine</i> , 2010, 52, 324-331.	0.9	32
119	Levels and risk factors for urinary metabolites of polycyclic aromatic hydrocarbons in children living in Chongqing, China. <i>Science of the Total Environment</i> , 2017, 598, 553-561.	3.9	32
120	Oxidative DNA damage during night shift work. <i>Occupational and Environmental Medicine</i> , 2017, 74, 680-683.	1.3	32
121	Effects of ambient ozone concentrations with different averaging times on asthma exacerbations: A meta-analysis. <i>Science of the Total Environment</i> , 2019, 691, 549-561.	3.9	32
122	Silver nanowire interactions with primary human alveolar type-II epithelial cell secretions: contrasting bioreactivity with human alveolar type-I and type-II epithelial cells. <i>Nanoscale</i> , 2015, 7, 10398-10409.	2.8	31
123	Low Acetaldehyde Collection Efficiencies for 24-Hour Sampling with 2,4-Dinitrophenylhydrazine (DNPH)-Coated Solid Sorbents. <i>Environmental Science & Technology</i> , 2007, 41, 580-585.	4.6	30
124	Predicting personal exposure to airborne carbonyls using residential measurements and time/activity data. <i>Atmospheric Environment</i> , 2007, 41, 5280-5288.	1.9	30
125	Indoor air pollution and lung function growth among children in four Chinese cities. <i>Indoor Air</i> , 2012, 22, 3-11.	2.0	30
126	Aldehydes in relation to air pollution sources: A case study around the Beijing Olympics. <i>Atmospheric Environment</i> , 2015, 109, 61-69.	1.9	30

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127	Pulmonary surfactant mitigates silver nanoparticle toxicity in human alveolar type-I-like epithelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 167-175.	2.5	30
128	Inactivation, Clearance, and Functional Effects of Lung-Instilled Short and Long Silver Nanowires in Rats. <i>ACS Nano</i> , 2017, 11, 2652-2664.	7.3	30
129	Associations between maternal cytokine levels during gestation and measures of child cognitive abilities and executive functioning. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 390-397.	2.0	30
130	Atmospheric deposition and vegetable uptake of polycyclic aromatic hydrocarbons (PAHs) based on experimental and computational simulations. <i>Atmospheric Environment</i> , 2019, 204, 135-141.	1.9	30
131	Indoor black carbon of outdoor origin and oxidative stress biomarkers in patients with chronic obstructive pulmonary disease. <i>Environment International</i> , 2018, 115, 188-195.	4.8	27
132	Perchlorate exposure in lactating women in an urban community in New Jersey. <i>Science of the Total Environment</i> , 2011, 409, 460-464.	3.9	26
133	Carboxylation of multiwalled carbon nanotubes reduces their toxicity in primary human alveolar macrophages. <i>Environmental Science: Nano</i> , 2016, 3, 1340-1350.	2.2	26
134	Urinary mutagenicity and other biomarkers of occupational smoke exposure of wildland firefighters and oxidative stress. <i>Inhalation Toxicology</i> , 2019, 31, 73-87.	0.8	26
135	Malondialdehyde in Nasal Fluid: A Biomarker for Monitoring Asthma Control in Relation to Air Pollution Exposure. <i>Environmental Science & Technology</i> , 2020, 54, 11405-11413.	4.6	24
136	High lead exposures resulting from pottery production in a village in Michoacán State, Mexico. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 1999, 9, 343-351.	1.8	23
137	Exposure-response relationships between lifetime exposure to residential coal smoke and respiratory symptoms and illnesses in Chinese children. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2004, 14, S78-S84.	1.8	23
138	Low-dose AgNPs reduce lung mechanical function and innate immune defense in the absence of cellular toxicity. <i>Nanotoxicology</i> , 2016, 10, 1-10.	1.6	23
139	Differential Health Effects of Constant versus Intermittent Exposure to Formaldehyde in Mice: Implications for Building Ventilation Strategies. <i>Environmental Science & Technology</i> , 2018, 52, 1551-1560.	4.6	23
140	Concentrations and Source Characteristics of Airborne Carbonyl Compounds Measured Outside Urban Residences. <i>Journal of the Air and Waste Management Association</i> , 2006, 56, 1196-1204.	0.9	22
141	Negative Affect and Chemical Intolerance as Risk Factors for Building-Related Symptoms: A Controlled Exposure Study. <i>Psychosomatic Medicine</i> , 2008, 70, 254-262.	1.3	22
142	Short-Term Traffic-Related Exposures and Biomarkers of Nitro-PAH Exposure and Oxidative DNA Damage. <i>Toxics</i> , 2014, 2, 377-390.	1.6	22
143	Effect of residential air cleaning interventions on risk of cancer associated with indoor semi-volatile organic compounds: a comprehensive simulation study. <i>Lancet Planetary Health</i> , The, 2018, 2, e532-e539.	5.1	22
144	Analysis of bisphenol A diglycidyl ether (BADGE) and its hydrolytic metabolites in biological specimens by high-performance liquid chromatography and tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 965, 33-38.	1.2	21

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145	Modeling physicochemical interactions affecting in vitro cellular dosimetry of engineered nanomaterials: application to nanosilver. <i>Journal of Nanoparticle Research</i> , 2014, 16, 2616.	0.8	21
146	Static and Dynamic Microscopy of the Chemical Stability and Aggregation State of Silver Nanowires in Components of Murine Pulmonary Surfactant. <i>Environmental Science & Technology</i> , 2015, 49, 8048-8056.	4.6	21
147	Release of airborne particles and Ag and Zn compounds from nanotechnology-enabled consumer sprays: Implications for inhalation exposure. <i>Atmospheric Environment</i> , 2017, 155, 85-96.	1.9	21
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