

Junfeng Jim Zhang

List of Publications by Year in descending order

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225
papers

13,684
citations

23567

58
h-index

27406

106
g-index

225
all docs

225
docs citations

225
times ranked

14987
citing authors

#	ARTICLE	IF	CITATIONS
1	Respiratory Effects of Exposure to Diesel Traffic in Persons with Asthma. New England Journal of Medicine, 2007, 357, 2348-2358.	27.0	756
2	Household Air Pollution from Coal and Biomass Fuels in China: Measurements, Health Impacts, and Interventions. Environmental Health Perspectives, 2007, 115, 848-855.	6.0	611
3	Greenhouse gases and other airborne pollutants from household stoves in China: a database for emission factors. Atmospheric Environment, 2000, 34, 4537-4549.	4.1	455
4	Environmental health in China: progress towards clean air and safe water. Lancet, The, 2010, 375, 1110-1119.	13.7	383
5	Ozone Pollution: A Major Health Hazard Worldwide. Frontiers in Immunology, 2019, 10, 2518.	4.8	357
6	Association Between Changes in Air Pollution Levels During the Beijing Olympics and Biomarkers of Inflammation and Thrombosis in Healthy Young Adults. JAMA - Journal of the American Medical Association, 2012, 307, 2068-78.	7.4	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. Lancet, The, 2018, 391, 339-349.	13.7	294
8	Indoor air pollution: a global health concern. British Medical Bulletin, 2003, 68, 209-225.	6.9	291
9	Combustion sources of particles. 1. Health relevance and source signatures. Chemosphere, 2002, 49, 1045-1058.	8.2	265
10	Greenhouse Implications of Household Stoves: An Analysis for India. Annual Review of Environment and Resources, 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. Journal of Exposure Science and Environmental Epidemiology, 2005, 15, 17-28.	3.9	231
12	Ozone and limonene in indoor air: a source of submicron particle exposure.. Environmental Health Perspectives, 2000, 108, 1139-1145.	6.0	228
13	Inflammatory and Oxidative Stress Responses of Healthy Young Adults to Changes in Air Quality during the Beijing Olympics. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 1150-1159.	5.6	200
14	Current State of the Science: Health Effects and Indoor Environmental Quality. Environmental Health Perspectives, 2007, 115, 958-964.	6.0	188
15	Association of Ozone Exposure With Cardiorespiratory Pathophysiologic Mechanisms in Healthy Adults. JAMA Internal Medicine, 2017, 177, 1344.	5.1	183
16	Chronic exposure to air pollution particles increases the risk of obesity and metabolic syndrome: findings from a natural experiment in Beijing. FASEB Journal, 2016, 30, 2115-2122.	0.5	181
17	Characteristics of aldehydes: concentrations, sources, and exposures for indoor and outdoor residential microenvironments. Environmental Science & Technology, 1994, 28, 146-152.	10.0	179
18	Emissions of Carbonyl Compounds from Various Cookstoves in China. Environmental Science & Technology, 1999, 33, 2311-2320.	10.0	162

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19	Ozone-Initiated Reactions with Mixtures of Volatile Organic Compounds under Simulated Indoor Conditions. Environmental Science & Technology, 2003, 37, 1811-1821.	10.0	162
20	Children's respiratory morbidity prevalence in relation to air pollution in four Chinese cities.. Environmental Health Perspectives, 2002, 110, 961-967.	6.0	156
21	Ozone-Initiated Chemistry in an Occupied Simulated Aircraft Cabin. Environmental Science & Technology, 2007, 41, 6177-6184.	10.0	156
22	Chinese haze versus Western smog: lessons learned. Journal of Thoracic Disease, 2015, 7, 3-13.	1.4	151
23	Ambient Concentrations and Elemental Compositions of PM ₁₀ and PM _{2.5} in Four Chinese Cities. Environmental Science & Technology, 1999, 33, 4188-4193.	10.0	148
24	Mosquito coil emissions and health implications.. Environmental Health Perspectives, 2003, 111, 1454-1460.	6.0	140
25	Differences in Birth Weight Associated with the 2008 Beijing Olympics Air Pollution Reduction: Results from a Natural Experiment. Environmental Health Perspectives, 2015, 123, 880-887.	6.0	139
26	Estimating contributions of indoor and outdoor sources to indoor carbonyl concentrations in three urban areas of the United States. Atmospheric Environment, 2006, 40, 2202-2214.	4.1	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. Indoor Air, 2010, 20, 85-90.	4.3	137
28	Implications of changes in household stoves and fuel use in China. Energy Policy, 2004, 32, 395-411.	8.8	134
29	Relationship of Indoor, Outdoor and Personal Air (RIOPA) study: study design, methods and quality assurance/control results. Journal of Exposure Science and Environmental Epidemiology, 2005, 15, 123-137.	3.9	134
30	Emissions of greenhouse gases and other airborne pollutants from charcoal making in Kenya and Brazil. Journal of Geophysical Research, 2001, 106, 24143-24155.	3.3	125
31	PM _{2.5} Constituents and Oxidative DNA Damage in Humans. Environmental Science & Technology, 2009, 43, 4757-4762.	10.0	118
32	Health Effects of a Mixture of Indoor Air Volatile Organics, Their Ozone Oxidation Products, and Stress. Environmental Health Perspectives, 2005, 113, 1542-1548.	6.0	112
33	Personal exposure to particulate PAHs and anthraquinone and oxidative DNA damages in humans. Chemosphere, 2010, 81, 1280-1285.	8.2	106
34	Comparisons of Ultrafine and Fine Particles in Their Associations with Biomarkers Reflecting Physiological Pathways. Environmental Science & Technology, 2014, 48, 5264-5273.	10.0	105
35	Comparison of the Revised Air Quality Index with the PSI and AQI indices. Science of the Total Environment, 2007, 382, 191-198.	8.0	102
36	The Stability of Silver Nanoparticles in a Model of Pulmonary Surfactant. Environmental Science & Technology, 2013, 47, 11232-11240.	10.0	99

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37	Characterization of Non-methane Hydrocarbons Emitted from Various Cookstoves Used in China. Environmental Science & Technology, 2003, 37, 2869-2877.	10.0	98
38	Emissions of Air Pollutants from Household Stoves:Â Honeycomb Coal versus Coal Cake. Environmental Science & Technology, 2004, 38, 4612-4618.	10.0	95
39	Pulmonary Toxicity of Instilled Silver Nanoparticles: Influence of Size, Coating and Rat Strain. PLoS ONE, 2015, 10, e0119726.	2.5	94
40	Characterization of emissions from portable household combustion devices: particle size distributions, emission rates and factors, and potential exposures. Atmospheric Environment, 2001, 35, 1281-1290.	4.1	89
41	Selective detection of monohydroxy metabolites of polycyclic aromatic hydrocarbons in urine using liquid chromatography/triple quadrupole tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 2299-2308.	1.5	88
42	Reducing Indoor Levels of “Outdoor PM_{2.5}” in Urban China: Impact on Mortalities. Environmental Science & Technology, 2019, 53, 3119-3127.	10.0	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. Energy Policy, 2019, 125, 429-444.	8.8	88
44	Cardiopulmonary effects of overnight indoor air filtration in healthy non-smoking adults: A double-blind randomized crossover study. Environment International, 2018, 114, 27-36.	10.0	80
45	Roles of mitochondrial ROS and NLRP3 inflammasome in multiple ozone-induced lung inflammation and emphysema. Respiratory Research, 2018, 19, 230.	3.6	77
46	Effects of Surface Type and Relative Humidity on the Production and Concentration of Nitrous Acid in a Model Indoor Environment. Environmental Science & Technology, 2001, 35, 2200-2206.	10.0	72
47	Malondialdehyde in exhaled breath condensate and urine as a biomarker of air pollution induced oxidative stress. Journal of Exposure Science and Environmental Epidemiology, 2013, 23, 322-327.	3.9	72
48	Ambient Particulate Matter and Lung Function Growth in Chinese Children. Epidemiology, 2012, 23, 464-472.	2.7	70
49	Effects of air pollution on mitochondrial function, mitochondrial DNA methylation, and mitochondrial peptide expression. Mitochondrion, 2019, 46, 22-29.	3.4	70
50	Regulatory standards related to building energy conservation and indoor-air-quality during rapid urbanization in China. Energy and Buildings, 2004, 36, 1299-1308.	6.7	66
51	Using air pollution based community clusters to explore air pollution health effects in children. Environment International, 2004, 30, 611-620.	10.0	66
52	Carbon monoxide from cookstoves in developing countries: 1. Emission factors. Chemosphere, 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. Environmental Science & Technology, 2007, 41, 7315-7321.	10.0	65
54	Relationship between free and total malondialdehyde, a well-established marker of oxidative stress, in various types of human biospecimens. Journal of Thoracic Disease, 2018, 10, 3088-3197.	1.4	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.	10.0	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.	8.2	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.	4.1	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.	0.8	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.	7.5	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.	3.9	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.	4.3	57
62	Sulfidation of silver nanowires inside human alveolar epithelial cells: a potential detoxification mechanism. <i>Nanoscale</i> , 2013, 5, 9839.	5.6	56
63	Ozone in Residential Air: Concentrations, I/O Ratios, Indoor Chemistry, and Exposures. <i>Indoor Air</i> , 1994, 4, 95-105.	4.3	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.	8.0	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.	6.2	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.	3.3	55
67	Indoor Air Chemistry: Formation of Organic Acids and Aldehydes. <i>Environmental Science & Technology</i> , 1994, 28, 1975-1982.	10.0	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.	7.5	52
69	Combustion sources of particles: 2. Emission factors and measurement methods. <i>Chemosphere</i> , 2002, 49, 1059-1074.	8.2	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.	1.9	50
71	Source Proximity and Outdoor-Residential VOC Concentrations: Results from the RIOPA Study. <i>Environmental Science & Technology</i> , 2006, 40, 4074-4082.	10.0	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.	3.9	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.	6.0	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.	3.9	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.	8.0	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.	1.9	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.	2.1	45
79	Sensory and Cognitive Effects of Acute Exposure to Hydrogen Sulfide. <i>Environmental Health Perspectives</i> , 2008, 116, 78-85.	6.0	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.	2.8	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.	10.0	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.	1.9	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.	4.1	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.	10.0	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.	2.5	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.	3.6	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.	10.0	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.	3.0	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.	8.2	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.	1.9	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.	4.3	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.	6.0	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.	10.0	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.	0.9	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.	8.2	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.	4.3	40
98	Effects of N-Acetylcysteine in Ozone-Induced Chronic Obstructive Pulmonary Disease Model. <i>PLoS ONE</i> , 2013, 8, e80782.	2.5	40
99	Alteration of peripheral blood monocyte gene expression in humans following diesel exhaust inhalation. <i>Inhalation Toxicology</i> , 2012, 24, 172-181.	1.6	39
100	The Cardiopulmonary Effects of Ambient Air Pollution and Mechanistic Pathways: A Comparative Hierarchical Pathway Analysis. <i>PLoS ONE</i> , 2014, 9, e114913.	2.5	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.	7.5	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.	4.1	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.	2.9	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.	1.7	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.	3.4	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.	2.9	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.	2.5	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.	2.9	35
110	Traffic-related environmental factors and childhood obesity: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2021, 22, e12995.	6.5	35
111	The impact of household air cleaners on the chemical composition and children's exposure to PM _{2.5} metal sources in suburban Shanghai. <i>Environmental Pollution</i> , 2019, 253, 190-198.	7.5	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.	1.7	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.	10.0	33
114	Modeling population exposures to silver nanoparticles present in consumer products. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	33
115	Dynamic population flow based risk analysis of infectious disease propagation in a metropolis. <i>Environment International</i> , 2016, 94, 369-379.	10.0	33
116	Urban airborne particle exposure impairs human lung and blood <i>Mycobacterium tuberculosis</i> immunity. <i>Thorax</i> , 2019, 74, 675-683.	5.6	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.	10.0	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.	1.7	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.	8.0	32
120	Oxidative DNA damage during night shift work. <i>Occupational and Environmental Medicine</i> , 2017, 74, 680-683.	2.8	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.	8.0	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.	5.6	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.	10.0	30
124	Predicting personal exposure to airborne carbonyls using residential measurements and time/activity data. <i>Atmospheric Environment</i> , 2007, 41, 5280-5288.	4.1	30
125	Indoor air pollution and lung function growth among children in four Chinese cities. <i>Indoor Air</i> , 2012, 22, 3-11.	4.3	30
126	Aldehydes in relation to air pollution sources: A case study around the Beijing Olympics. <i>Atmospheric Environment</i> , 2015, 109, 61-69.	4.1	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.	5.0	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.	14.6	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.	4.1	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.	4.1	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.	10.0	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.	8.0	26
133	Carboxylation of multiwalled carbon nanotubes reduces their toxicity in primary human alveolar macrophages. <i>Environmental Science: Nano</i> , 2016, 3, 1340-1350.	4.3	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.	1.6	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.	10.0	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.	3.9	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.	3.9	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.	3.0	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.	10.0	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.	1.9	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.	2.0	22
142	Short-Term Traffic-Related Exposures and Biomarkers of Nitro-PAH Exposure and Oxidative DNA Damage. <i>Toxics</i> , 2014, 2, 377-390.	3.7	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.	11.4	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.	2.3	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.	1.9	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.	10.0	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.	4.1	21
148	Interventions to Reduce Personal Exposures to Air Pollution: A Primer for Health Care Providers. <i>Global Heart</i> , 2019, 14, 47.	2.3	20
149	Carbon monoxide from cookstoves in developing countries: 2. Exposure potentials. <i>Chemosphere</i> , 1999, 1, 367-375.	1.2	19
150	Optimizing a dansylhydrazine (DNSH) based method for measuring airborne acrolein and other unsaturated carbonyls. <i>Journal of Environmental Monitoring</i> , 2005, 7, 969.	2.1	19
151	Urinary polycyclic aromatic hydrocarbon metabolites as biomarkers of exposure to traffic-emitted pollutants. <i>Environment International</i> , 2015, 85, 104-110.	10.0	19
152	Risk analysis for rumor propagation in metropolises based on improved 8-state ICSAR model and dynamic personal activity trajectories. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 451, 403-419.	2.6	19
153	Association of air pollution sources and aldehydes with biomarkers of blood coagulation, pulmonary inflammation, and systemic oxidative stress. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 244-250.	3.9	19
154	Ozone in urban China: Impact on mortalities and approaches for establishing indoor guideline concentrations. <i>Indoor Air</i> , 2019, 29, 604-615.	4.3	19
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