

# Junfeng Jim Zhang

## List of Publications by Year in descending order

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225  
papers

13,684  
citations

27035

58  
h-index

31191

106  
g-index

225  
all docs

225  
docs citations

225  
times ranked

16526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Particulate matter (PM) oxidative potential: Measurement methods and links to PM physicochemical characteristics and health effects. <i>Critical Reviews in Environmental Science and Technology</i> , 2023, 53, 177-197.	6.6	12
2	Oral cavity response to air pollutant exposure and association with pulmonary inflammation and symptoms in asthmatic children. <i>Environmental Research</i> , 2022, 206, 112275.	3.7	10
3	Field Evaluation of a Potential Exposure Biomarker of Methylated Polycyclic Aromatic Hydrocarbons: Association between Urinary Phenanthrene-2-carboxylic Acid and Personal Exposure to 2-Methylphenanthrene. <i>Environmental Science and Technology Letters</i> , 2022, 9, 166-172.	3.9	4
4	Association between outdoor artificial light at night and sleep duration among older adults in China: A cross-sectional study. <i>Environmental Research</i> , 2022, 212, 113343.	3.7	15
5	Negative ions offset cardiorespiratory benefits of PM <sub>2.5</sub> reduction from residential use of negative ion air purifiers. <i>Indoor Air</i> , 2021, 31, 220-228.	2.0	40
6	Personal Exposure to PM <sub>2.5</sub> Oxidative Potential in Association with Pulmonary Pathophysiologic Outcomes in Children with Asthma. <i>Environmental Science &amp; Technology</i> , 2021, 55, 3101-3111.	4.6	33
7	Nitrated Polycyclic Aromatic Hydrocarbons and Arachidonic Acid Metabolisms Relevant to Cardiovascular Pathophysiology: Findings from a Panel Study in Healthy Adults. <i>Environmental Science &amp; Technology</i> , 2021, 55, 3867-3875.	4.6	19
8	Metabolomic Changes after Subacute Exposure to Polycyclic Aromatic Hydrocarbons: A Natural Experiment among Healthy Travelers from Los Angeles to Beijing. <i>Environmental Science &amp; Technology</i> , 2021, 55, 5097-5105.	4.6	14
9	U.S.–China Collaboration is Vital to Global Plans for a Healthy Environment and Sustainable Development. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9622-9626.	4.6	10
10	Urinary Amino-Polycyclic Aromatic Hydrocarbons in Urban Residents: Finding a Biomarker for Residential Exposure to Diesel Traffic. <i>Environmental Science &amp; Technology</i> , 2021, 55, 10569-10577.	4.6	9
11	Effects of particulate matter gamma radiation on oxidative stress biomarkers in COPD patients. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 727-735.	1.8	4
12	Traffic-related environmental factors and childhood obesity: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2021, 22, e12995.	3.1	35
13	Dried Blood Spot Biomarkers of Oxidative Stress and Inflammation Associated with Blood Pressure in Rural Senegalese Women with Incident Hypertension. <i>Antioxidants</i> , 2021, 10, 2026.	2.2	4
14	Effect of Prenatal Smoke Exposure on Birth Weight: The Moderating Role of Maternal Depressive Symptoms. <i>Nicotine and Tobacco Research</i> , 2020, 22, 40-47.	1.4	6
15	Effects of personal air pollutant exposure on oxidative stress: Potential confounding by natural variation in melatonin levels. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 116-123.	2.1	17
16	Using low-cost sensors to monitor indoor, outdoor, and personal ozone concentrations in Beijing, China. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 131-143.	1.7	19
17	The impact of household air cleaners on the oxidative potential of PM <sub>2.5</sub> and the role of metals and sources associated with indoor and outdoor exposure. <i>Environmental Research</i> , 2020, 181, 108919.	3.7	39
18	Associations of county-level cumulative environmental quality with mortality of chronic obstructive pulmonary disease and mortality of tracheal, bronchus and lung cancers. <i>Science of the Total Environment</i> , 2020, 703, 135523.	3.9	1

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19	Endogenous melatonin mediation of systemic inflammatory responses to ozone exposure in healthy adults. <i>Science of the Total Environment</i> , 2020, 749, 141301.	3.9	12
20	Malondialdehyde in Nasal Fluid: A Biomarker for Monitoring Asthma Control in Relation to Air Pollution Exposure. <i>Environmental Science &amp; Technology</i> , 2020, 54, 11405-11413.	4.6	24
21	Diurnal variations of greenhouse gases emissions from reclamation mariculture ponds. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 237, 106677.	0.9	6
22	Transcriptomic changes in the nasal epithelium associated with diesel engine exhaust exposure. <i>Environment International</i> , 2020, 137, 105506.	4.8	18
23	Using Low-cost sensors to Quantify the Effects of Air Filtration on Indoor and Personal Exposure Relevant PM2.5 Concentrations in Beijing, China. <i>Aerosol and Air Quality Research</i> , 2020, 20, 297-313.	0.9	45
24	Effects of AIR pollution on cardiopulmonary disease in urban and peri-urban residents in Beijing: protocol for the AIRLESS study. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15775-15792.	1.9	11
25	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
26	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
27	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
28	Responses of serum chemokines to dramatic changes of air pollution levels, a panel study. <i>Biomarkers</i> , 2019, 24, 712-719.	0.9	4
29	Effects of job conditions, occupational stress, and emotional intelligence on chronic fatigue among Chinese nurses: a cross-sectional study. <i>Psychology Research and Behavior Management</i> , 2019, Volume 12, 351-360.	1.3	44
30	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
31	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
32	Ozone in urban China: Impact on mortalities and approaches for establishing indoor guideline concentrations. <i>Indoor Air</i> , 2019, 29, 604-615.	2.0	19
33	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
34	Health effects of air pollution: what we need to know and to do in the next decade. <i>Journal of Thoracic Disease</i> , 2019, 11, 1727-1730.	0.6	13
35	Urban airborne particle exposure impairs human lung and blood <i>Mycobacterium tuberculosis</i> immunity. <i>Thorax</i> , 2019, 74, 675-683.	2.7	33
36	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

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37	Effects of air pollution on mitochondrial function, mitochondrial DNA methylation, and mitochondrial peptide expression. <i>Mitochondrion</i> , 2019, 46, 22-29.	1.6	70
38	Reducing Indoor Levels of "Outdoor PM <sub>2.5</sub> " in Urban China: Impact on Mortalities. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3119-3127.	4.6	88
39	Centralized outdoor measurements of fine particulate matter as a surrogate of personal exposure for homogeneous populations. <i>Atmospheric Environment</i> , 2019, 204, 110-117.	1.9	15
40	Different metrics (number, surface area, and volume concentration) of urban particles with varying sizes in relation to fractional exhaled nitric oxide (FeNO). <i>Journal of Thoracic Disease</i> , 2019, 11, 1714-1726.	0.6	15
41	Ozone Pollution: A Major Health Hazard Worldwide. <i>Frontiers in Immunology</i> , 2019, 10, 2518.	2.2	357
42	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
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	Association of environmental exposure to heavy metals and eczema in US population: Analysis of blood cadmium, lead, and mercury. <i>Archives of Environmental and Occupational Health</i> , 2019, 74, 239-251.	0.7	4
45	Interventions to Reduce Personal Exposures to Air Pollution: A Primer for Health Care Providers. <i>Global Heart</i> , 2019, 14, 47.	0.9	20
46	Responses to Comments on "Differential Health Effects of Constant and Intermittent Exposure to Formaldehyde in Mice: Implications for Building Ventilation Strategies". <i>Environmental Science &amp; Technology</i> , 2018, 52, 3322-3324.	4.6	0
47	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
48	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
49	A novel method for source-specific hemoglobin adducts of nitro-polycyclic aromatic hydrocarbons. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 780-789.	1.7	4
50	Differential Health Effects of Constant versus Intermittent Exposure to Formaldehyde in Mice: Implications for Building Ventilation Strategies. <i>Environmental Science &amp; Technology</i> , 2018, 52, 1551-1560.	4.6	23
51	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
52	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
53	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
54	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

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55	Age modification of ozone associations with cardiovascular disease risk in adults: a potential role for soluble P-selectin and blood pressure. <i>Journal of Thoracic Disease</i> , 2018, 10, 4643-4652.	0.6	5
56	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
57	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
58	Effects of tightening standards for indoor ozone levels on associated mortalities in urban China: a population-based modelling study. <i>Lancet</i> , The, 2018, 392, S31.	6.3	5
59	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
60	Exposure to Silver Nanospheres Leads to Altered Respiratory Mechanics and Delayed Immune Response in an in Vivo Murine Model. <i>Frontiers in Pharmacology</i> , 2018, 9, 213.	1.6	14
61	Factors associated with quality of life among married women in rural China: a cross-sectional study. <i>Quality of Life Research</i> , 2018, 27, 3255-3263.	1.5	18
62	Simultaneous quantification of urinary 6- <i>sulfatoxymelatonin</i> and 8- <i>hydroxy-2'-deoxyguanosine</i> using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 119-126.	1.2	13
63	Impact of Smoking Ban on Passive Smoke Exposure in Pregnant Non-Smokers in the Southeastern United States. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 83.	1.2	15
64	Self-reported prenatal tobacco smoke exposure, AXL gene-body methylation, and childhood asthma phenotypes. <i>Clinical Epigenetics</i> , 2018, 10, 98.	1.8	15
65	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
66	Association of Cardiovascular Responses in Mice with Source-apportioned PM2.5 Air Pollution in Beijing. <i>Aerosol and Air Quality Research</i> , 2018, 18, 1839-1852.	0.9	7
67	Advancing the Understanding of Environmental Transformations, Bioavailability and Effects of Nanomaterials, an International US Environmental Protection Agency-UK Environmental Nanoscience Initiative Joint Program. <i>Journal of Environmental Protection</i> , 2018, 09, 385-404.	0.3	5
68	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
69	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
70	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
71	Association of Ozone Exposure With Cardiorespiratory Pathophysiologic Mechanisms in Healthy Adults. <i>JAMA Internal Medicine</i> , 2017, 177, 1344.	2.6	183
72	Oxidative DNA damage during night shift work. <i>Occupational and Environmental Medicine</i> , 2017, 74, 680-683.	1.3	32

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73	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.	1.8	19
74	Low-Level Air Pollution Associated With Death. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 2431.	3.8	18
75	Introduction to JTD Air Pollution Section. <i>Journal of Thoracic Disease</i> , 2017, 9, 3410-3411.	0.6	0
76	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
77	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
78	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
79	Oxidative DNA damage during sleep periods among nightshift workers. <i>Occupational and Environmental Medicine</i> , 2016, 73, 537-544.	1.3	12
80	Measurement of human CYP1A2 induction by inhalation exposure to benzo(a)pyrene based on in vivo isotope breath method. <i>Environmental Pollution</i> , 2016, 208, 506-511.	3.7	2
81	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
82	Dynamic population flow based risk analysis of infectious disease propagation in a metropolis. <i>Environment International</i> , 2016, 94, 369-379.	4.8	33
83	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
84	Ozone, Electrostatic Precipitators, and Particle Number Concentrations: Correlations Observed in a Real Office during Working Hours. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10236-10244.	4.6	42
85	Effects of a nanoceria fuel additive on the physicochemical properties of diesel exhaust particles. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 1333-1342.	1.7	11
86	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
87	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.	1.2	19
88	The impact of interpersonal pre-warning information dissemination on regional emergency evacuation. <i>Natural Hazards</i> , 2016, 80, 2081-2103.	1.6	13
89	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
90	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

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91	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
92	Impact of the 2008 Beijing Olympics on the risk of pregnancy complications. <i>Archives of Environmental and Occupational Health</i> , 2016, 71, 208-215.	0.7	6
93	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
94	Modeling In Vivo Interactions of Engineered Nanoparticles in the Pulmonary Alveolar Lining Fluid. <i>Nanomaterials</i> , 2015, 5, 1223-1249.	1.9	6
95	Modulation of Human Macrophage Responses to <i>Mycobacterium tuberculosis</i> by Silver Nanoparticles of Different Size and Surface Modification. <i>PLoS ONE</i> , 2015, 10, e0143077.	1.1	43
96	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
97	Urban Air Pollution and Health in Developing Countries. <i>Molecular and Integrative Toxicology</i> , 2015, , 355-380.	0.5	4
98	Urinary polycyclic aromatic hydrocarbon metabolites as biomarkers of exposure to traffic-emitted pollutants. <i>Environment International</i> , 2015, 85, 104-110.	4.8	19
99	Adsorption of surfactant protein D from human respiratory secretions by carbon nanotubes and polystyrene nanoparticles depends on nanomaterial surface modification and size. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140038.	1.8	13
100	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
101	Static and Dynamic Microscopy of the Chemical Stability and Aggregation State of Silver Nanowires in Components of <i>Murine</i> Pulmonary Surfactant. <i>Environmental Science &amp; Technology</i> , 2015, 49, 8048-8056.	4.6	21
102	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
103	Pulmonary Toxicity of Instilled Silver Nanoparticles: Influence of Size, Coating and Rat Strain. <i>PLoS ONE</i> , 2015, 10, e0119726.	1.1	94
104	Chinese haze versus Western smog: lessons learned. <i>Journal of Thoracic Disease</i> , 2015, 7, 3-13.	0.6	151
105	Effects of hydrogen sulfide on ozone-induced features of chronic obstructive pulmonary disease. , 2015, , .		0
106	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
107	Modeling <i>In Vitro</i> Cellular Responses to Silver Nanoparticles. <i>Journal of Toxicology</i> , 2014, 2014, 1-13.	1.4	12
108	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

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109	Modeling population exposures to silver nanoparticles present in consumer products. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	33
110	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
111	Comparisons of Ultrafine and Fine Particles in Their Associations with Biomarkers Reflecting Physiological Pathways. <i>Environmental Science &amp; Technology</i> , 2014, 48, 5264-5273.	4.6	105
112	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
113	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
114	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
115	Variability in Bioreactivity Linked to Changes in Size and Zeta Potential of Diesel Exhaust Particles in Human Immune Cells. <i>PLoS ONE</i> , 2014, 9, e97304.	1.1	12
116	The Stability of Silver Nanoparticles in a Model of Pulmonary Surfactant. <i>Environmental Science &amp; Technology</i> , 2013, 47, 11232-11240.	4.6	99
117	Sulfidation of silver nanowires inside human alveolar epithelial cells: a potential detoxification mechanism. <i>Nanoscale</i> , 2013, 5, 9839.	2.8	56
118	Impacts of a Nanosized Ceria Additive on Diesel Engine Emissions of Particulate and Gaseous Pollutants. <i>Environmental Science &amp; Technology</i> , 2013, 47, 13077-13085.	4.6	63
119	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
120	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
121	Aldehydes in passenger vehicles: An analysis of data from the RIOPA Study 1999-2001. <i>Atmospheric Environment</i> , 2013, 79, 751-759.	1.9	6
122	The Triggering of Myocardial Infarction by Fine Particles Is Enhanced When Particles Are Enriched in Secondary Species. <i>Environmental Science &amp; Technology</i> , 2013, 47, 9414-9423.	4.6	41
123	High-Resolution Analytical Electron Microscopy Reveals Cell Culture Media-Induced Changes to the Chemistry of Silver Nanowires. <i>Environmental Science &amp; Technology</i> , 2013, 47, 13813-13821.	4.6	33
124	Effects of N-Acetylcysteine in Ozone-Induced Chronic Obstructive Pulmonary Disease Model. <i>PLoS ONE</i> , 2013, 8, e80782.	1.1	40
125	Computational Multiscale Toxicodynamic Modeling of Silver and Carbon Nanoparticle Effects on Mouse Lung Function. <i>PLoS ONE</i> , 2013, 8, e80917.	1.1	9
126	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



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127	Ambient Particulate Matter and Lung Function Growth in Chinese Children. <i>Epidemiology</i> , 2012, 23, 464-472.	1.2	70
128	Suppression of the NF- $\kappa$ B Pathway by Diesel Exhaust Particles Impairs Human Antimycobacterial Immunity. <i>Journal of Immunology</i> , 2012, 188, 2778-2793.	0.4	61
129	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
130	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
131	Alteration of peripheral blood monocyte gene expression in humans following diesel exhaust inhalation. <i>Inhalation Toxicology</i> , 2012, 24, 172-181.	0.8	39
132	Indoor air pollution and lung function growth among children in four Chinese cities. <i>Indoor Air</i> , 2012, 22, 3-11.	2.0	30
133	Genetic Susceptibility to Acutely Decreased Ubiquitin Proteasome Pathway Activity Following Inhalation of Fresh Diesel Exhaust or Secondary Organic Aerosols. <i>Epidemiology</i> , 2011, 22, S54-S55.	1.2	0
134	In-vehicle Exposures to Traffic and Biomarkers of Airway Oxidative Stress Among Healthy Humans. <i>Epidemiology</i> , 2011, 22, S217-S218.	1.2	0
135	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
136	Ambient Air Pollution and Lung Function Among Children in 4 Cities in China (1993-1996). <i>Epidemiology</i> , 2011, 22, S192.	1.2	0
137	Environmental Lessons from China: Finding Promising Policies in Unlikely Places. <i>Environmental Health Perspectives</i> , 2011, 119, 893-895.	2.8	9
138	Sickness Response Symptoms among Healthy Volunteers after Controlled Exposures to Diesel Exhaust and Psychological Stress. <i>Environmental Health Perspectives</i> , 2011, 119, 945-950.	2.8	14
139	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
140	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
141	Personal exposure to particulate PAHs and anthraquinone and oxidative DNA damages in humans. <i>Chemosphere</i> , 2010, 81, 1280-1285.	4.2	106
142	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
143	Determining times to maximum urine excretion of 1-aminopyrene after diesel exhaust exposure. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2010, 20, 650-655.	1.8	16
144	Triggering of Transmural Infarctions, but Not Nontransmural Infarctions, by Ambient Fine Particles. <i>Environmental Health Perspectives</i> , 2010, 118, 1229-1234.	2.8	48

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