Junfeng Jim Zhang

List of Publications by Year
in descending order

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	Particulate matter (PM) oxidative potential: Measurement methods and links to PM physicochemical characteristics and health effects. Critical Reviews in Environmental Science and Technology, 2023, 53, 177-197.	12.8	12
2	Oral cavity response to air pollutant exposure and association with pulmonary inflammation and symptoms in asthmatic children. Environmental Research, 2022, 206, 112275.	7.5	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. Environmental Science and Technology Letters, 2022, 9, 166-172.	8.7	4
4	Association between outdoor artificial light at night and sleep duration among older adults in China: A cross-sectional study. Environmental Research, 2022, 212, 113343.	7.5	15
5	Negative ions offset cardiorespiratory benefits of PM _{2.5} reduction from residential use of negative ion air purifiers. Indoor Air, 2021, 31, 220-228.	4.3	40
6	Personal Exposure to PM_{2.5} Oxidative Potential in Association with Pulmonary Pathophysiologic Outcomes in Children with Asthma. Environmental Science & Technology, 2021, 55, 3101-3111.	10.0	33
7	Nitrated Polycyclic Aromatic Hydrocarbons and Arachidonic Acid Metabolisms Relevant to Cardiovascular Pathophysiology: Findings from a Panel Study in Healthy Adults. Environmental Science & Technology, 2021, 55, 3867-3875.	10.0	19
8	Metabolomic Changes after Subacute Exposure to Polycyclic Aromatic Hydrocarbons: A Natural Experiment among Healthy Travelers from Los Angeles to Beijing. Environmental Science & Technology, 2021, 55, 5097-5105.	10.0	14
9	U.S.â€"China Collaboration is Vital to Global Plans for a Healthy Environment and Sustainable Development. Environmental Science & Technology, 2021, 55, 9622-9626.	10.0	10
10	Urinary Amino-Polycyclic Aromatic Hydrocarbons in Urban Residents: Finding a Biomarker for Residential Exposure to Diesel Traffic. Environmental Science & Technology, 2021, 55, 10569-10577.	10.0	9
11	Effects of particulate matter gamma radiation on oxidative stress biomarkers in COPD patients. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 727-735.	3.9	4
12	Trafficâ€related environmental factors and childhood obesity: A systematic review and metaâ€analysis. Obesity Reviews, 2021, 22, e12995.	6.5	35
13	Dried Blood Spot Biomarkers of Oxidative Stress and Inflammation Associated with Blood Pressure in Rural Senegalese Women with Incident Hypertension. Antioxidants, 2021, 10, 2026.	5.1	4
14	Effect of Prenatal Smoke Exposure on Birth Weight: The Moderating Role of Maternal Depressive Symptoms. Nicotine and Tobacco Research, 2020, 22, 40-47.	2.6	6
15	Effects of personal air pollutant exposure on oxidative stress: Potential confounding by natural variation in melatonin levels. International Journal of Hygiene and Environmental Health, 2020, 223, 116-123.	4.3	17
16	Using low-cost sensors to monitor indoor, outdoor, and personal ozone concentrations in Beijing, China. Environmental Sciences: Processes and Impacts, 2020, 22, 131-143.	3.5	19
17	The impact of household air cleaners on the oxidative potential of PM2.5 and the role of metals and sources associated with indoor and outdoor exposure. Environmental Research, 2020, 181, 108919.	7.5	39
18	Associations of county-level cumulative environmental quality with mortality of chronic obstructive pulmonary disease and mortality of tracheal, bronchus and lung cancers. Science of the Total Environment, 2020, 703, 135523.	8.0	1

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19	Endogenous melatonin mediation of systemic inflammatory responses to ozone exposure in healthy adults. Science of the Total Environment, 2020, 749, 141301.	8.0	12
20	Malondialdehyde in Nasal Fluid: A Biomarker for Monitoring Asthma Control in Relation to Air Pollution Exposure. Environmental Science & Technology, 2020, 54, 11405-11413.	10.0	24
21	Diurnal variations of greenhouse gases emissions from reclamation mariculture ponds. Estuarine, Coastal and Shelf Science, 2020, 237, 106677.	2.1	6
22	Transcriptomic changes in the nasal epithelium associated with diesel engine exhaust exposure. Environment International, 2020, 137, 105506.	10.0	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. Aerosol and Air Quality Research, 2020, 20, 297-313.	2.1	45
24	Effects of AIR pollution on cardiopuLmonary disEaSe in urban and peri-urban reSidents in Beijing: protocol for the AIRLESS study. Atmospheric Chemistry and Physics, 2020, 20, 15775-15792.	4.9	11
25	Season and size of urban particulate matter differentially affect cytotoxicity and human immune responses to Mycobacterium tuberculosis. PLoS ONE, 2019, 14, e0219122.	2.5	35
26	The impact of household air cleaners on the chemical composition and children's exposure to PM2.5 metal sources in suburban Shanghai. Environmental Pollution, 2019, 253, 190-198.	7.5	34
27	Effects of ambient ozone concentrations with different averaging times on asthma exacerbations: A meta-analysis. Science of the Total Environment, 2019, 691, 549-561.	8.0	32
28	Responses of serum chemokines to dramatic changes of air pollution levels, a panel study. Biomarkers, 2019, 24, 712-719.	1.9	4
29	Effects of job conditions, occupational stress, and emotional intelligence on chronic fatigue among Chinese nurses: a cross-sectional study . Psychology Research and Behavior Management, 2019, Volume 12, 351-360.	2.8	44
30	Sources of volatile organic compounds in suburban homes in Shanghai, China, and the impact of air filtration on compound concentrations. Chemosphere, 2019, 231, 256-268.	8.2	41
31	Mitochondrial ROS and NLRP3 inflammasome in acute ozone-induced murine model of airway inflammation and bronchial hyperresponsiveness. Free Radical Research, 2019, 53, 780-790.	3.3	55
32	Ozone in urban China: Impact on mortalities and approaches for establishing indoor guideline concentrations. Indoor Air, 2019, 29, 604-615.	4.3	19
33	Urinary mutagenicity and other biomarkers of occupational smoke exposure of wildland firefighters and oxidative stress. Inhalation Toxicology, 2019, 31, 73-87.	1.6	26
34	Health effects of air pollution: what we need to know and to do in the next decade. Journal of Thoracic Disease, 2019, 11, 1727-1730.	1.4	13
35	Urban airborne particle exposure impairs human lung and blood Mycobacterium tuberculosis immunity. Thorax, 2019, 74, 675-683.	5.6	33
36	Atmospheric deposition and vegetable uptake of polycyclic aromatic hydrocarbons (PAHs) based on experimental and computational simulations. Atmospheric Environment, 2019, 204, 135-141.	4.1	30

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37	Effects of air pollution on mitochondrial function, mitochondrial DNA methylation, and mitochondrial peptide expression. Mitochondrion, 2019, 46, 22-29.	3.4	70
38	Reducing Indoor Levels of â€œOutdoor PM_{2.5}â€•in Urban China: Impact on Mortalities. Environmental Science & Technology, 2019, 53, 3119-3127.	10.0	88
39	Centralized outdoor measurements of fine particulate matter as a surrogate of personal exposure for homogeneous populations. Atmospheric Environment, 2019, 204, 110-117.	4.1	15
40	Different metrics (number, surface area, and volume concentration) of urban particles with varying sizes in relation to fractional exhaled nitric oxide (FeNO). Journal of Thoracic Disease, 2019, 11, 1714-1726.	1.4	15
41	Ozone Pollution: A Major Health Hazard Worldwide. Frontiers in Immunology, 2019, 10, 2518.	4.8	357
42	Trafficâ€•related air pollution induces nonâ€•allergic eosinophilic airway inflammation and cough hypersensitivity in guineaâ€•pigs. Clinical and Experimental Allergy, 2019, 49, 366-377.	2.9	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. Energy Policy, 2019, 125, 429-444.	8.8	88
44	Association of environmental exposure to heavy metals and eczema in US population: Analysis of blood cadmium, lead, and mercury. Archives of Environmental and Occupational Health, 2019, 74, 239-251.	1.4	4
45	Interventions to Reduce Personal Exposures to Air Pollution: A Primer for Health Care Providers. Global Heart, 2019, 14, 47.	2.3	20
46	Responses to Comments on â€œDifferential Health Effects of Constant and Intermittent Exposure to Formaldehyde in Mice: Implications for Building Ventilation Strategiesâ€• Environmental Science & Technology, 2018, 52, 3322-3324.	10.0	0
47	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
48	Associations between maternal cytokine levels during gestation and measures of child cognitive abilities and executive functioning. Brain, Behavior, and Immunity, 2018, 70, 390-397.	4.1	30
49	A novel method for source-specific hemoglobin adducts of nitro-polycyclic aromatic hydrocarbons. Environmental Sciences: Processes and Impacts, 2018, 20, 780-789.	3.5	4
50	Differential Health Effects of Constant versus Intermittent Exposure to Formaldehyde in Mice: Implications for Building Ventilation Strategies. Environmental Science & Technology, 2018, 52, 1551-1560.	10.0	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. Indoor Air, 2018, 28, 360-372.	4.3	57
52	Indoor black carbon of outdoor origin and oxidative stress biomarkers in patients with chronic obstructive pulmonary disease. Environment International, 2018, 115, 188-195.	10.0	27
53	The influence of air cleaners on indoor particulate matter components and oxidative potential in residential households in Beijing. Science of the Total Environment, 2018, 626, 507-518.	8.0	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. Lancet, The, 2018, 391, 339-349.	13.7	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. Journal of Thoracic Disease, 2018, 10, 4643-4652.	1.4	5
56	Roles of mitochondrial ROS and NLRP3 inflammasome in multiple ozone-induced lung inflammation and emphysema. Respiratory Research, 2018, 19, 230.	3.6	77
57	Effect of residential air cleaning interventions on risk of cancer associated with indoor semi-volatile organic compounds: a comprehensive simulation study. Lancet Planetary Health, The, 2018, 2, e532-e539.	11.4	22
58	Effects of tightening standards for indoor ozone levels on associated mortalities in urban China: a population-based modelling study. Lancet, The, 2018, 392, S31.	13.7	5
59	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
60	Exposure to Silver Nanospheres Leads to Altered Respiratory Mechanics and Delayed Immune Response in an in Vivo Murine Model. Frontiers in Pharmacology, 2018, 9, 213.	3.5	14
61	Factors associated with quality of life among married women in rural China: a cross-sectional study. Quality of Life Research, 2018, 27, 3255-3263.	3.1	18
62	Simultaneous quantification of urinary 6â€‘sulfatoxymelatonin and 8â€‘hydroxyâ€‘2â€²â€‘deoxyguanosine using liquid chromatography-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1095, 119-126.	2.3	13
63	Impact of Smoking Ban on Passive Smoke Exposure in Pregnant Non-Smokers in the Southeastern United States. International Journal of Environmental Research and Public Health, 2018, 15, 83.	2.6	15
64	Self-reported prenatal tobacco smoke exposure, AXL gene-body methylation, and childhood asthma phenotypes. Clinical Epigenetics, 2018, 10, 98.	4.1	15
65	Characterization of polycyclic aromatic hydrocarbons (PAHs) in vegetables near industrial areas of Shanghai, China: Sources, exposure, and cancer risk. Environmental Pollution, 2018, 241, 750-758.	7.5	61
66	Association of Cardiovascular Responses in Mice with Source-apportioned PM2.5 Air Pollution in Beijing. Aerosol and Air Quality Research, 2018, 18, 1839-1852.	2.1	7
67	Advancing the Understanding of Environmental Transformations, Bioavailability and Effects of Nanomaterials, an International US Environmental Protection Agencyâ€"UK Environmental Nanoscience Initiative Joint Program. Journal of Environmental Protection, 2018, 09, 385-404.	0.7	5
68	Inactivation, Clearance, and Functional Effects of Lung-Instilled Short and Long Silver Nanowires in Rats. ACS Nano, 2017, 11, 2652-2664.	14.6	30
69	Release of airborne particles and Ag and Zn compounds from nanotechnology-enabled consumer sprays: Implications for inhalation exposure. Atmospheric Environment, 2017, 155, 85-96.	4.1	21
70	Levels and risk factors for urinary metabolites of polycyclic aromatic hydrocarbons in children living in Chongqing, China. Science of the Total Environment, 2017, 598, 553-561.	8.0	32
71	Association of Ozone Exposure With Cardiorespiratory Pathophysiologic Mechanisms in Healthy Adults. JAMA Internal Medicine, 2017, 177, 1344.	5.1	183
72	Oxidative DNA damage during night shift work. Occupational and Environmental Medicine, 2017, 74, 680-683.	2.8	32

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73	Association of air pollution sources and aldehydes with biomarkers of blood coagulation, pulmonary inflammation, and systemic oxidative stress. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 244-250.	3.9	19
74	Low-Level Air Pollution Associated With Death. JAMA - Journal of the American Medical Association, 2017, 318, 2431.	7.4	18
75	Introduction to JTD Air Pollution Section. Journal of Thoracic Disease, 2017, 9, 3410-3411.	1.4	0
76	Low-dose AgNPs reduce lung mechanical function and innate immune defense in the absence of cellular toxicity. Nanotoxicology, 2016, 10, 1-10.	3.0	23
77	Levels of Urinary Metabolites of Organophosphate Flame Retardants, TDCIPP, and TPHP, in Pregnant Women in Shanghai. Journal of Environmental and Public Health, 2016, 2016, 1-7.	0.9	41
78	Pulmonary effects of inhalation of spark-generated silver nanoparticles in Brown-Norway and Sprague â€"Dawley rats. Respiratory Research, 2016, 17, 85.	3.6	42
79	Oxidative DNA damage during sleep periods among nightshift workers. Occupational and Environmental Medicine, 2016, 73, 537-544.	2.8	12
80	Measurement of human CYP1A2 induction by inhalation exposure to benzo(a)pyrene based on inÂvivo isotope breath method. Environmental Pollution, 2016, 208, 506-511.	7.5	2
81	Pulmonary surfactant mitigates silver nanoparticle toxicity in human alveolar type-I-like epithelial cells. Colloids and Surfaces B: Biointerfaces, 2016, 145, 167-175.	5.0	30
82	Dynamic population flow based risk analysis of infectious disease propagation in a metropolis. Environment International, 2016, 94, 369-379.	10.0	33
83	Carboxylation of multiwalled carbon nanotubes reduces their toxicity in primary human alveolar macrophages. Environmental Science: Nano, 2016, 3, 1340-1350.	4.3	26
84	Ozone, Electrostatic Precipitators, and Particle Number Concentrations: Correlations Observed in a Real Office during Working Hours. Environmental Science & Technology, 2016, 50, 10236-10244.	10.0	42
85	Effects of a nanoceria fuel additive on the physicochemical properties of diesel exhaust particles. Environmental Sciences: Processes and Impacts, 2016, 18, 1333-1342.	3.5	11
86	Effect of pulmonary surfactant on the dissolution, stability and uptake of zinc oxide nanowires by human respiratory epithelial cells. Nanotoxicology, 2016, 10, 1351-1362.	3.0	42
87	Risk analysis for rumor propagation in metropolises based on improved 8-state ICSAR model and dynamic personal activity trajectories. Physica A: Statistical Mechanics and Its Applications, 2016, 451, 403-419.	2.6	19
88	The impact of interpersonal pre-warning information dissemination on regional emergency evacuation. Natural Hazards, 2016, 80, 2081-2103.	3.4	13
89	Dietary intake polycyclic aromatic hydrocarbons (PAHs) and associated cancer risk in a cohort of Chinese urban adults: Inter- and intra-individual variability. Chemosphere, 2016, 144, 2469-2475.	8.2	63
90	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

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91	Hydrogen Sulfide Prevents and Partially Reverses Ozone-Induced Features of Lung Inflammation and Emphysema in Mice. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 72-81.	2.9	36
92	Impact of the 2008 Beijing Olympics on the risk of pregnancy complications. Archives of Environmental and Occupational Health, 2016, 71, 208-215.	1.4	6
93	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
94	Modeling In Vivo Interactions of Engineered Nanoparticles in the Pulmonary Alveolar Lining Fluid. Nanomaterials, 2015, 5, 1223-1249.	4.1	6
95	Modulation of Human Macrophage Responses to Mycobacterium tuberculosis by Silver Nanoparticles of Different Size and Surface Modification. PLoS ONE, 2015, 10, e0143077.	2.5	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. Nanoscale, 2015, 7, 10398-10409.	5.6	31
97	Urban Air Pollution and Health in Developing Countries. Molecular and Integrative Toxicology, 2015, , 355-380.	0.5	4
98	Urinary polycyclic aromatic hydrocarbon metabolites as biomarkers of exposure to traffic-emitted pollutants. Environment International, 2015, 85, 104-110.	10.0	19
99	Adsorption of surfactant protein D from human respiratory secretions by carbon nanotubes and polystyrene nanoparticles depends on nanomaterial surface modification and size. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140038.	4.0	13
100	Inhibitory Effect of Hydrogen Sulfide on Ozone-Induced Airway Inflammation, Oxidative Stress, and Bronchial Hyperresponsiveness. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 129-137.	2.9	35
101	Static and Dynamic Microscopy of the Chemical Stability and Aggregation State of Silver Nanowires in Components of Murine Pulmonary Surfactant. Environmental Science & Technology, 2015, 49, 8048-8056.	10.0	21
102	Aldehydes in relation to air pollution sources: A case study around the Beijing Olympics. Atmospheric Environment, 2015, 109, 61-69.	4.1	30
103	Pulmonary Toxicity of Instilled Silver Nanoparticles: Influence of Size, Coating and Rat Strain. PLoS ONE, 2015, 10, e0119726.	2.5	94
104	Chinese haze versus Western smog: lessons learned. Journal of Thoracic Disease, 2015, 7, 3-13.	1.4	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. PLoS ONE, 2014, 9, e114913.	2.5	39
107	ModelingIn VitroCellular Responses to Silver Nanoparticles. Journal of Toxicology, 2014, 2014, 1-13.	3.0	12
108	Short-Term Traffic-Related Exposures and Biomarkers of Nitro-PAH Exposure and Oxidative DNA Damage. Toxics, 2014, 2, 377-390.	3.7	22

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109	Modeling population exposures to silver nanoparticles present in consumer products. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	33
110	A controlled trial of acute effects of human exposure to traffic particles on pulmonary oxidative stress and heart rate variability. Particle and Fibre Toxicology, 2014, 11, 45.	6.2	55
111	Comparisons of Ultrafine and Fine Particles in Their Associations with Biomarkers Reflecting Physiological Pathways. Environmental Science & Technology, 2014, 48, 5264-5273.	10.0	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 965, 33-38.	2.3	21
113	Modeling physicochemical interactions affecting in vitro cellular dosimetry of engineered nanomaterials: application to nanosilver. Journal of Nanoparticle Research, 2014, 16, 2616.	1.9	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. Environmental Research, 2014, 133, 4-11.	7.5	52
115	Variability in Bioreactivity Linked to Changes in Size and Zeta Potential of Diesel Exhaust Particles in Human Immune Cells. PLoS ONE, 2014, 9, e97304.	2.5	12
116	The Stability of Silver Nanoparticles in a Model of Pulmonary Surfactant. Environmental Science & Technology, 2013, 47, 11232-11240.	10.0	99
117	Sulfidation of silver nanowires inside human alveolar epithelial cells: a potential detoxification mechanism. Nanoscale, 2013, 5, 9839.	5.6	56
118	Impacts of a Nanosized Ceria Additive on Diesel Engine Emissions of Particulate and Gaseous Pollutants. Environmental Science & Technology, 2013, 47, 13077-13085.	10.0	63
119	Concentrations of urinary 8-hydroxy-2â€²-deoxyguanosine and 8-isoprostane in women exposed to woodsmoke in a cookstove intervention study in San Marcos, Peru. Environment International, 2013, 60, 112-122.	10.0	43
120	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
121	Aldehydes in passenger vehicles: An analysis of data from the RIOPA Study 1999â€“2001. Atmospheric Environment, 2013, 79, 751-759.	4.1	6
122	The Triggering of Myocardial Infarction by Fine Particles Is Enhanced When Particles Are Enriched in Secondary Species. Environmental Science & Technology, 2013, 47, 9414-9423.	10.0	41
123	High-Resolution Analytical Electron Microscopy Reveals Cell Culture Media-Induced Changes to the Chemistry of Silver Nanowires. Environmental Science & Technology, 2013, 47, 13813-13821.	10.0	33
124	Effects of N-Acetylcysteine in Ozone-Induced Chronic Obstructive Pulmonary Disease Model. PLoS ONE, 2013, 8, e80782.	2.5	40
125	Computational Multiscale Toxicodynamic Modeling of Silver and Carbon Nanoparticle Effects on Mouse Lung Function. PLoS ONE, 2013, 8, e80917.	2.5	9
126	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

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127	Ambient Particulate Matter and Lung Function Growth in Chinese Children. Epidemiology, 2012, 23, 464-472.	2.7	70
128	Suppression of the NF-ÎºB Pathway by Diesel Exhaust Particles Impairs Human Antimycobacterial Immunity. Journal of Immunology, 2012, 188, 2778-2793.	0.8	61
129	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
130	Controlled Exposure to Diesel Exhaust Causes Increased Nitrite in Exhaled Breath Condensate Among Subjects With Asthma. Journal of Occupational and Environmental Medicine, 2012, 54, 1186-1191.	1.7	33
131	Alteration of peripheral blood monocyte gene expression in humans following diesel exhaust inhalation. Inhalation Toxicology, 2012, 24, 172-181.	1.6	39
132	Indoor air pollution and lung function growth among children in four Chinese cities. Indoor Air, 2012, 22, 3-11.	4.3	30
133	Genetic Susceptibility to Acutely Decreased Ubiquitin Proteasome Pathway Activity Following Inhalation of Fresh Diesel Exhaust or Secondary Organic Aerosols. Epidemiology, 2011, 22, S54-S55.	2.7	0
134	In-vehicle Exposures to Traffic and Biomarkers of Airway Oxidative Stress Among Healthy Humans. Epidemiology, 2011, 22, S217-S218.	2.7	0
135	Perchlorate exposure in lactating women in an urban community in New Jersey. Science of the Total Environment, 2011, 409, 460-464.	8.0	26
136	Ambient Air Pollution and Lung Function Among Children in 4 Cities in China (1993â€“1996). Epidemiology, 2011, 22, S192.	2.7	0
137	Environmental Lessons from China: Finding Promising Policies â€¨in Unlikely Places. Environmental Health Perspectives, 2011, 119, 893-895.	6.0	9
138	Sickness Response Symptoms among Healthy Volunteers after Controlled Exposures to Diesel Exhaust and Psychological Stress. Environmental Health Perspectives, 2011, 119, 945-950.	6.0	14
139	Acute Decreases in Proteasome Pathway Activity after Inhalation of Fresh Diesel Exhaust or Secondary Organic Aerosol. Environmental Health Perspectives, 2011, 119, 658-663.	6.0	41
140	Acute Changes in Heart Rate Variability in Subjects With Diabetes Following a Highway Traffic Exposure. Journal of Occupational and Environmental Medicine, 2010, 52, 324-331.	1.7	32
141	Personal exposure to particulate PAHs and anthraquinone and oxidative DNA damages in humans. Chemosphere, 2010, 81, 1280-1285.	8.2	106
142	Residential air exchange rates in three major US metropolitan areas: results from the Relationship Among Indoor, Outdoor, and Personal Air Study 1999Â¢Â€Â“2001. Indoor Air, 2010, 20, 85-90.	4.3	137
143	Determining times to maximum urine excretion of 1-aminopyrene after diesel exhaust exposure. Journal of Exposure Science and Environmental Epidemiology, 2010, 20, 650-655.	3.9	16
144	Triggering of Transmural Infarctions, but Not Nontransmural Infarctions, by Ambient Fine Particles. Environmental Health Perspectives, 2010, 118, 1229-1234.	6.0	48

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145	Preliminary Study of Propyl Bromide Exposure among New Jersey Dry Cleaners as a Result of a Pending Ban on Perchloroethylene. Journal of the Air and Waste Management Association, 2010, 60, 1049-1056.	1.9	10
146	Environmental health in China: progress towards clean air and safe water. Lancet, The, 2010, 375, 1110-1119.	13.7	383
147	Two Methods for Measurement of Acute Changes in Endothelial Function Following Diesel Exhaust Inhalation.. , 2009, , .		0
148	PM_{2.5} Constituents and Oxidative DNA Damage in Humans. Environmental Science & Technology, 2009, 43, 4757-4762.	10.0	118
149	Quantification of 1-aminopyrene in human urine after a controlled exposure to diesel exhaust. Journal of Environmental Monitoring, 2009, 11, 153-159.	2.1	46
150	The Beijing HEART Study: Study Hypotheses and Preliminary Results. Epidemiology, 2009, 20, S257.	2.7	1
151	Hazardous chemicals in synthetic turf materials and their bioaccessibility in digestive fluids. Journal of Exposure Science and Environmental Epidemiology, 2008, 18, 600-607.	3.9	50
152	1-Hydroxypyrene concentrations in first morning voids and 24-h composite urine: intra- and inter-individual comparisons. Journal of Exposure Science and Environmental Epidemiology, 2008, 18, 477-485.	3.9	17
153	Development of a method for time-resolved measurement of airborne acrolein. Atmospheric Environment, 2008, 42, 2429-2436.	4.1	9
154	Spatial variation of volatile organic compounds in a â€œHot Spotâ€•for air pollution. Atmospheric Environment, 2008, 42, 7329-7338.	4.1	37
155	Negative Affect and Chemical Intolerance as Risk Factors for Building-Related Symptoms: A Controlled Exposure Study. Psychosomatic Medicine, 2008, 70, 254-262.	2.0	22
156	Sensory and Cognitive Effects of Acute Exposure to Hydrogen Sulfide. Environmental Health Perspectives, 2008, 116, 78-85.	6.0	44
157	Probabilistic Estimates of Lifetime Daily Doses from Consumption of Drinking Water Containing Trace Levels ofN,N-diethyl-meta-toluamide (DEET), Triclosan, or Acetaminophen and the Associated Risk to Human Health. Human and Ecological Risk Assessment (HERA), 2007, 13, 615-631.	3.4	35
158	Evaluation and Comparison of Continuous Fine Particulate Matter Monitors for Measurement of Ambient Aerosols. Journal of the Air and Waste Management Association, 2007, 57, 1499-1506.	1.9	45
159	Low Acetaldehyde Collection Efficiencies for 24-Hour Sampling with 2,4-Dinitrophenylhydrazine (DNPH)-Coated Solid Sorbents. Environmental Science & Technology, 2007, 41, 580-585.	10.0	30
160	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
161	Ozone-Initiated Chemistry in an Occupied Simulated Aircraft Cabin. Environmental Science & Technology, 2007, 41, 6177-6184.	10.0	156
162	Respiratory Effects of Exposure to Diesel Traffic in Persons with Asthma. New England Journal of Medicine, 2007, 357, 2348-2358.	27.0	756

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163	Current State of the Science: Health Effects and Indoor Environmental Quality. Environmental Health Perspectives, 2007, 115, 958-964.	6.0	188
164	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
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