

# Shu Tao

## List of Publications by Year in descending order

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574  
papers

33,604  
citations

3449

93  
h-index

10129

145  
g-index

587  
all docs

587  
docs citations

587  
times ranked

27584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Health risks of heavy metals to the general public in Tianjin, China via consumption of vegetables and fish. <i>Science of the Total Environment</i> , 2005, 350, 28-37.	3.9	778
2	Global atmospheric emission inventory of polycyclic aromatic hydrocarbons (PAHs) for 2004. <i>Atmospheric Environment</i> , 2009, 43, 812-819.	1.9	711
3	Global Atmospheric Emissions of Polycyclic Aromatic Hydrocarbons from 1960 to 2008 and Future Predictions. <i>Environmental Science &amp; Technology</i> , 2013, 47, 6415-6424.	4.6	661
4	Emission of Polycyclic Aromatic Hydrocarbons in China. <i>Environmental Science &amp; Technology</i> , 2006, 40, 702-708.	4.6	545
5	The Challenges and Solutions for Cadmium-contaminated Rice in China: A Critical Review. <i>Environment International</i> , 2016, 92-93, 515-532.	4.8	518
6	Interannual variations of monthly and seasonal normalized difference vegetation index (NDVI) in China from 1982 to 1999. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	401
7	Inhalation exposure to ambient polycyclic aromatic hydrocarbons and lung cancer risk of Chinese population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21063-21067.	3.3	397
8	The rise of Southâ€“South trade and its effect on global CO2 emissions. <i>Nature Communications</i> , 2018, 9, 1871.	5.8	328
9	Sorption of Four Hydrophobic Organic Compounds by Three Chemically Distinct Polymers: Role of Chemical and Physical Composition. <i>Environmental Science &amp; Technology</i> , 2012, 46, 7252-7259.	4.6	319
10	Environmental and human health challenges of industrial livestock and poultry farming in China and their mitigation. <i>Environment International</i> , 2017, 107, 111-130.	4.8	291
11	Source Diagnostics of Polycyclic Aromatic Hydrocarbons Based on Species Ratios: A Multimedia Approach. <i>Environmental Science &amp; Technology</i> , 2005, 39, 9109-9114.	4.6	286
12	Polycyclic aromatic hydrocarbons (PAHs) in agricultural soil and vegetables from Tianjin. <i>Science of the Total Environment</i> , 2004, 320, 11-24.	3.9	284
13	Concentration and Photochemistry of PAHs, NPAHs, and OPAHs and Toxicity of PM <sub>2.5</sub> during the Beijing Olympic Games. <i>Environmental Science &amp; Technology</i> , 2011, 45, 6887-6895.	4.6	283
14	Quantifying the rural residential energy transition in China from 1992 to 2012 through a representative national survey. <i>Nature Energy</i> , 2018, 3, 567-573.	19.8	280
15	Health risk assessment on dietary exposure to polycyclic aromatic hydrocarbons (PAHs) in Taiyuan, China. <i>Science of the Total Environment</i> , 2010, 408, 5331-5337.	3.9	265
16	Black Carbon Emissions in China from 1949 to 2050. <i>Environmental Science &amp; Technology</i> , 2012, 46, 7595-7603.	4.6	252
17	Changes in vegetation net primary productivity from 1982 to 1999 in China. <i>Global Biogeochemical Cycles</i> , 2005, 19, n/a-n/a.	1.9	244
18	Contamination of rivers in Tianjin, China by polycyclic aromatic hydrocarbons. <i>Environmental Pollution</i> , 2005, 134, 97-111.	3.7	239

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19	Biological impact of environmental polycyclic aromatic hydrocarbons (ePAHs) as endocrine disruptors. <i>Environmental Pollution</i> , 2016, 213, 809-824.	3.7	236
20	Emission of Polycyclic Aromatic Hydrocarbons in China by County. <i>Environmental Science &amp; Technology</i> , 2007, 41, 683-687.	4.6	234
21	Pollution level, inhalation exposure and lung cancer risk of ambient atmospheric polycyclic aromatic hydrocarbons (PAHs) in Taiyuan, China. <i>Environmental Pollution</i> , 2013, 173, 150-156.	3.7	232
22	Emission Factors of Particulate Matter and Elemental Carbon for Crop Residues and Coals Burned in Typical Household Stoves in China. <i>Environmental Science &amp; Technology</i> , 2010, 44, 7157-7162.	4.6	229
23	Quantification of Global Primary Emissions of PM <sub>2.5</sub> , PM <sub>10</sub> , and TSP from Combustion and Industrial Process Sources. <i>Environmental Science &amp; Technology</i> , 2014, 48, 13834-13843.	4.6	219
24	Emissions of PAHs from Indoor Crop Residue Burning in a Typical Rural Stove: Emission Factors, Size Distributions, and Gas-Particle Partitioning. <i>Environmental Science &amp; Technology</i> , 2011, 45, 1206-1212.	4.6	215
25	The contribution of China's emissions to global climate forcing. <i>Nature</i> , 2016, 531, 357-361.	13.7	214
26	Field Measurement of Emission Factors of PM, EC, OC, Parent, Nitro-, and Oxy- Polycyclic Aromatic Hydrocarbons for Residential Briquette, Coal Cake, and Wood in Rural Shanxi, China. <i>Environmental Science &amp; Technology</i> , 2013, 47, 2998-3005.	4.6	208
27	Significant contribution of combustion-related emissions to the atmospheric phosphorus budget. <i>Nature Geoscience</i> , 2015, 8, 48-54.	5.4	207
28	Increasing net primary production in China from 1982 to 1999. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 293-297.	1.9	195
29	Concentrations, sources and spatial distribution of polycyclic aromatic hydrocarbons in soils from Beijing, Tianjin and surrounding areas, North China. <i>Environmental Pollution</i> , 2010, 158, 1245-1251.	3.7	189
30	Global long-range transport and lung cancer risk from polycyclic aromatic hydrocarbons shielded by coatings of organic aerosol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1246-1251.	3.3	185
31	Sorption and Competition of Aromatic Compounds and Humic Acid on Multiwalled Carbon Nanotubes. <i>Environmental Science &amp; Technology</i> , 2009, 43, 6214-6219.	4.6	183
32	Source apportionment of polycyclic aromatic hydrocarbons in surface soil in Tianjin, China. <i>Environmental Pollution</i> , 2007, 147, 303-310.	3.7	182
33	Emissions of Parent, Nitro, and Oxygenated Polycyclic Aromatic Hydrocarbons from Residential Wood Combustion in Rural China. <i>Environmental Science &amp; Technology</i> , 2012, 46, 8123-8130.	4.6	181
34	Residential solid fuel emissions contribute significantly to air pollution and associated health impacts in China. <i>Science Advances</i> , 2020, 6, .	4.7	181
35	High-resolution mapping of combustion processes and implications for CO <sub>2</sub> emissions. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 5189-5203.	1.9	164
36	Extraction of polycyclic aromatic hydrocarbons and organochlorine pesticides from soils: A comparison between Soxhlet extraction, microwave-assisted extraction and accelerated solvent extraction techniques. <i>Analytica Chimica Acta</i> , 2007, 602, 211-222.	2.6	161

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37	Urbanization-induced population migration has reduced ambient PM <sub>2.5</sub> concentrations in China. <i>Science Advances</i> , 2017, 3, e1700300.	4.7	161
38	Organochlorine Pesticides Contaminated Surface Soil As Reemission Source in the Haihe Plain, China. <i>Environmental Science &amp; Technology</i> , 2008, 42, 8395-8400.	4.6	158
39	Global forest carbon uptake due to nitrogen and phosphorus deposition from 1850 to 2100. <i>Global Change Biology</i> , 2017, 23, 4854-4872.	4.2	158
40	Impacts of air pollutants from rural Chinese households under the rapid residential energy transition. <i>Nature Communications</i> , 2019, 10, 3405.	5.8	158
41	Emission of Polycyclic Aromatic Hydrocarbons from Indoor Straw Burning and Emission Inventory Updating in China. <i>Annals of the New York Academy of Sciences</i> , 2008, 1140, 218-227.	1.8	157
42	Occurrence and exposure to polycyclic aromatic hydrocarbons and their derivatives in a rural Chinese home through biomass fuelled cooking. <i>Environmental Pollution</i> , 2012, 169, 160-166.	3.7	157
43	Atmospheric Particulate Matter Pollution during the 2008 Beijing Olympics. <i>Environmental Science &amp; Technology</i> , 2009, 43, 5314-5320.	4.6	153
44	Energy and air pollution benefits of household fuel policies in northern China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16773-16780.	3.3	152
45	Lake Ecosystem Health Assessment: Indicators and Methods. <i>Water Research</i> , 2001, 35, 3157-3167.	5.3	151
46	Exposure to ambient black carbon derived from a unique inventory and high-resolution model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2459-2463.	3.3	148
47	Organochlorine Pesticides in Agricultural Soil and Vegetables from Tianjin, China. <i>Environmental Science &amp; Technology</i> , 2005, 39, 2494-2499.	4.6	144
48	Emission factors and particulate matter size distribution of polycyclic aromatic hydrocarbons from residential coal combustions in rural Northern China. <i>Atmospheric Environment</i> , 2010, 44, 5237-5243.	1.9	143
49	Atmospheric Polycyclic Aromatic Hydrocarbons in North China: A Winter-Time Study. <i>Environmental Science &amp; Technology</i> , 2007, 41, 8256-8261.	4.6	142
50	Interactions of Organic Contaminants with Mineral-Adsorbed Surfactants. <i>Environmental Science &amp; Technology</i> , 2003, 37, 4001-4006.	4.6	133
51	Estimated Reduction in Cancer Risk due to PAH Exposures If Source Control Measures during the 2008 Beijing Olympics Were Sustained. <i>Environmental Health Perspectives</i> , 2011, 119, 815-820.	2.8	131
52	Tracing Primary PM <sub>2.5</sub> emissions via Chinese supply chains. <i>Environmental Research Letters</i> , 2015, 10, 054005.	2.2	130
53	Sorption Mechanisms of Phenanthrene, Lindane, and Atrazine with Various Humic Acid Fractions from a Single Soil Sample. <i>Environmental Science &amp; Technology</i> , 2011, 45, 2124-2130.	4.6	129
54	Changes in biomass carbon stocks in China's grasslands between 1982 and 1999. <i>Global Biogeochemical Cycles</i> , 2007, 21, n/a-n/a.	1.9	127

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55	Emission Characteristics for Polycyclic Aromatic Hydrocarbons from Solid Fuels Burned in Domestic Stoves in Rural China. <i>Environmental Science &amp; Technology</i> , 2013, 47, 14485-14494.	4.6	127
56	Level and distribution of DDT in surface soils from Tianjin, China. <i>Chemosphere</i> , 2004, 54, 1247-1253.	4.2	124
57	Pollutant Emissions from Improved Coal- and Wood-Fuelled Cookstoves in Rural Households. <i>Environmental Science &amp; Technology</i> , 2015, 49, 6590-6598.	4.6	124
58	Global lung cancer risk from PAH exposure highly depends on emission sources and individual susceptibility. <i>Scientific Reports</i> , 2014, 4, 6561.	1.6	122
59	Impact of soil organic matter on the distribution of polycyclic aromatic hydrocarbons (PAHs) in soils. <i>Environmental Pollution</i> , 2010, 158, 2170-2174.	3.7	121
60	Emission characteristics of polycyclic aromatic hydrocarbons from combustion of different residential coals in North China. <i>Science of the Total Environment</i> , 2009, 407, 1436-1446.	3.9	120
61	Emission of Oxygenated Polycyclic Aromatic Hydrocarbons from Indoor Solid Fuel Combustion. <i>Environmental Science &amp; Technology</i> , 2011, 45, 3459-3465.	4.6	120
62	Releases of brominated flame retardants (BFRs) from microplastics in aqueous medium: Kinetics and molecular-size dependence of diffusion. <i>Water Research</i> , 2019, 151, 215-225.	5.3	120
63	Sulfur Dioxide Emissions from Combustion in China: From 1990 to 2007. <i>Environmental Science &amp; Technology</i> , 2011, 45, 8403-8410.	4.6	119
64	Ecological indicators for assessing freshwater ecosystem health. <i>Ecological Modelling</i> , 1999, 116, 77-106.	1.2	118
65	Field measurement and estimate of gaseous and particle pollutant emissions from cooking and space heating processes in rural households, northern China. <i>Atmospheric Environment</i> , 2016, 125, 265-271.	1.9	117
66	Effects of soil organic matter on the development of the microbial polycyclic aromatic hydrocarbons (PAHs) degradation potentials. <i>Environmental Pollution</i> , 2011, 159, 591-595.	3.7	115
67	An evaluation of air quality, home heating and well-being under Beijing's programme to eliminate household coal use. <i>Nature Energy</i> , 2019, 4, 416-423.	19.8	115
68	Trend in Global Black Carbon Emissions from 1960 to 2007. <i>Environmental Science &amp; Technology</i> , 2014, 48, 6780-6787.	4.6	114
69	Accumulation and distribution of polycyclic aromatic hydrocarbons in rice ( <i>Oryza sativa</i> ). <i>Environmental Pollution</i> , 2006, 140, 406-415.	3.7	113
70	Improvement of a Global High-Resolution Ammonia Emission Inventory for Combustion and Industrial Sources with New Data from the Residential and Transportation Sectors. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2821-2829.	4.6	113
71	Atmospheric concentrations and air-soil gas exchange of polycyclic aromatic hydrocarbons (PAHs) in remote, rural village and urban areas of Beijing-Tianjin region, North China. <i>Science of the Total Environment</i> , 2011, 409, 2942-2950.	3.9	112
72	Oxidative potential of ambient PM <sub>2.5</sub> in the coastal cities of the Bohai Sea, northern China: Seasonal variation and source apportionment. <i>Environmental Pollution</i> , 2018, 236, 514-528.	3.7	111

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73	Seasonal variation of polycyclic aromatic hydrocarbons (PAHs) emissions in China. <i>Environmental Pollution</i> , 2008, 156, 657-663.	3.7	109
74	Sorption of organic contaminants by biopolymers: Role of polarity, structure and domain spatial arrangement. <i>Chemosphere</i> , 2007, 66, 1476-1484.	4.2	108
75	Atmospheric Transport and Outflow of Polycyclic Aromatic Hydrocarbons from China. <i>Environmental Science &amp; Technology</i> , 2008, 42, 5196-5201.	4.6	107
76	Inventory of anthropogenic methane emissions in mainland China from 1980 to 2010. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14545-14562.	1.9	107
77	Estimating household air pollution exposures and health impacts from space heating in rural China. <i>Environment International</i> , 2018, 119, 117-124.	4.8	107
78	Environmental and human exposure to persistent halogenated compounds derived from e-waste in China. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1237-1247.	2.2	105
79	Sorption of Peat Humic Acids to Multi-Walled Carbon Nanotubes. <i>Environmental Science &amp; Technology</i> , 2011, 45, 9276-9283.	4.6	105
80	Stacked Use and Transition Trends of Rural Household Energy in Mainland China. <i>Environmental Science &amp; Technology</i> , 2019, 53, 521-529.	4.6	105
81	Reductions in Emissions of Carbonaceous Particulate Matter and Polycyclic Aromatic Hydrocarbons from Combustion of Biomass Pellets in Comparison with Raw Fuel Burning. <i>Environmental Science &amp; Technology</i> , 2012, 46, 6409-6416.	4.6	104
82	Spatial distribution, emission source and health risk of parent PAHs and derivatives in surface soils from the Yangtze River Delta, eastern China. <i>Chemosphere</i> , 2017, 178, 301-308.	4.2	104
83	Relations between AVHRR NDVI and ecoclimatic parameters in China. <i>International Journal of Remote Sensing</i> , 2002, 23, 989-999.	1.3	103
84	The carbon budget of terrestrial ecosystems in East Asia over the last two decades. <i>Biogeosciences</i> , 2012, 9, 3571-3586.	1.3	103
85	Polycyclic Aromatic Hydrocarbon Residues in Human Milk, Placenta, and Umbilical Cord Blood in Beijing, China. <i>Environmental Science &amp; Technology</i> , 2011, 45, 10235-10242.	4.6	102
86	Atmospheric polycyclic aromatic hydrocarbon concentrations and gas/particle partitioning at background, rural village and urban sites in the North China Plain. <i>Atmospheric Research</i> , 2011, 99, 197-206.	1.8	102
87	Influence of global climate change on chemical fate and bioaccumulation: The role of multimedia models. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 20-31.	2.2	102
88	Seasonal and spatial occurrence and distribution of atmospheric polycyclic aromatic hydrocarbons (PAHs) in rural and urban areas of the North Chinese Plain. <i>Environmental Pollution</i> , 2008, 156, 651-656.	3.7	101
89	Relative importance of multiple mechanisms in sorption of organic compounds by multiwalled carbon nanotubes. <i>Carbon</i> , 2010, 48, 3721-3728.	5.4	101
90	Particle size distributions of polycyclic aromatic hydrocarbons in rural and urban atmosphere of Tianjin, China. <i>Chemosphere</i> , 2006, 62, 357-367.	4.2	100

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91	Nonylphenol and Nonylphenol Ethoxylates in River Water, Drinking Water, and Fish Tissues in the Area of Chongqing, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 48, 467-473.	2.1	98
92	Body burden of POPs of Hong Kong residents, based on human milk, maternal and cord serum. <i>Environment International</i> , 2011, 37, 142-151.	4.8	98
93	Influence of fuel moisture, charge size, feeding rate and air ventilation conditions on the emissions of PM, OC, EC, parent PAHs, and their derivatives from residential wood combustion. <i>Journal of Environmental Sciences</i> , 2013, 25, 1808-1816.	3.2	98
94	Impact of TiO <sub>2</sub> nanoparticles on lead uptake and bioaccumulation in rice ( <i>Oryza sativa</i> L.). <i>NanoImpact</i> , 2017, 5, 101-108.	2.4	98
95	Sorption Mechanisms of Organic Compounds by Carbonaceous Materials: Site Energy Distribution Consideration. <i>Environmental Science &amp; Technology</i> , 2015, 49, 4894-4902.	4.6	96
96	Occurrence and characteristics of microplastics in the Haihe River: An investigation of a seagoing river flowing through a megacity in northern China. <i>Environmental Pollution</i> , 2020, 262, 114261.	3.7	96
97	Characterizing and comparing risks of polycyclic aromatic hydrocarbons in a Tianjin wastewater-irrigated area. <i>Environmental Research</i> , 2002, 90, 201-206.	3.7	95
98	Introduction to the special issue "In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing)". <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7519-7546.	1.9	95
99	Data-driven estimates of global nitrous oxide emissions from croplands. <i>National Science Review</i> , 2020, 7, 441-452.	4.6	95
100	Uptake of polycyclic aromatic hydrocarbons by maize plants. <i>Environmental Pollution</i> , 2007, 148, 614-619.	3.7	94
101	Heterogeneous Reactions of Particulate Matter-Bound PAHs and NPAHs with NO <sub>3</sub> , OH Radicals, and O <sub>3</sub> under Simulated Long-Range Atmospheric Transport Conditions: Reactivity and Mutagenicity. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10155-10164.	4.6	94
102	Concentrations and origins of nitro-polycyclic aromatic hydrocarbons and oxy-polycyclic aromatic hydrocarbons in ambient air in urban and rural areas in northern China. <i>Environmental Pollution</i> , 2015, 197, 156-164.	3.7	94
103	Trophodynamic Behavior of 4-Nonylphenol and Nonylphenol Polyethoxylate in a Marine Aquatic Food Web from Bohai Bay, North China: A Comparison to DDTs. <i>Environmental Science &amp; Technology</i> , 2005, 39, 4801-4807.	4.6	93
104	Global time trends in PAH emissions from motor vehicles. <i>Atmospheric Environment</i> , 2011, 45, 2067-2073.	1.9	91
105	Field measurement on the emissions of PM, OC, EC and PAHs from indoor crop straw burning in rural China. <i>Environmental Pollution</i> , 2014, 184, 18-24.	3.7	91
106	A review of air pollution impact on subjective well-being: Survey versus visual psychophysics. <i>Journal of Cleaner Production</i> , 2018, 184, 959-968.	4.6	91
107	The Slowdown in Global Air-Pollutant Emission Growth and Driving Factors. <i>One Earth</i> , 2019, 1, 138-148.	3.6	91
108	Black carbon and mineral dust in snow cover on the Tibetan Plateau. <i>Cryosphere</i> , 2018, 12, 413-431.	1.5	89

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109	A critical review of pollutant emission factors from fuel combustion in home stoves. <i>Environment International</i> , 2021, 157, 106841.	4.8	88
110	Modeling the effects of ecological engineering on ecosystem health of a shallow eutrophic Chinese lake (Lake Chao). <i>Ecological Modelling</i> , 1999, 117, 239-260.	1.2	87
111	A GIS-based method of lake eutrophication assessment. <i>Ecological Modelling</i> , 2001, 144, 231-244.	1.2	87
112	Partitioning and source diagnostics of polycyclic aromatic hydrocarbons in rivers in Tianjin, China. <i>Environmental Pollution</i> , 2007, 146, 492-500.	3.7	86
113	Evaluation and analysis of traffic noise from the main urban roads in Beijing. <i>Applied Acoustics</i> , 2002, 63, 1137-1142.	1.7	85
114	Polycyclic aromatic hydrocarbons in dustfall in Tianjin, China. <i>Science of the Total Environment</i> , 2005, 345, 115-126.	3.9	85
115	Temporal and spatial trends of residential energy consumption and air pollutant emissions in China. <i>Applied Energy</i> , 2013, 106, 17-24.	5.1	85
116	Sources, transport and deposition of iron in the global atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 6247-6270.	1.9	85
117	Source identification, size distribution and indicator screening of airborne trace metals in Kanazawa, Japan. <i>Journal of Aerosol Science</i> , 2005, 36, 197-210.	1.8	84
118	Characteristics of polycyclic aromatic hydrocarbons in agricultural soils at a typical coke production base in Shanxi, China. <i>Chemosphere</i> , 2015, 127, 64-69.	4.2	84
119	Rice life cycle-based global mercury biotransport and human methylmercury exposure. <i>Nature Communications</i> , 2019, 10, 5164.	5.8	84
120	Changes of copper speciation in maize rhizosphere soil. Funding was provided by the National Scientific Foundation of China [40031010, 40024101]. <i>Environmental Pollution</i> , 2003, 122, 447-454.	3.7	83
121	Spatial and Temporal Trends in Global Emissions of Nitrogen Oxides from 1960 to 2014. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7992-8000.	4.6	83
122	A New High-Resolution N <sub>2</sub> O Emission Inventory for China in 2008. <i>Environmental Science &amp; Technology</i> , 2014, 48, 8538-8547.	4.6	82
123	Risk of human exposure to polycyclic aromatic hydrocarbons: A case study in Beijing, China. <i>Environmental Pollution</i> , 2015, 205, 70-77.	3.7	82
124	Influences of ambient air PM <sub>2.5</sub> concentration and meteorological condition on the indoor PM <sub>2.5</sub> concentrations in a residential apartment in Beijing using a new approach. <i>Environmental Pollution</i> , 2015, 205, 307-314.	3.7	82
125	Global Sulfur Dioxide Emissions and the Driving Forces. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6508-6517.	4.6	82
126	The 7-Decade Degradation of a Large Freshwater Lake in Central Yangtze River, China. <i>Environmental Science &amp; Technology</i> , 2005, 39, 431-436.	4.6	81



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127	Impact of De-Ashing Humic Acid and Humin on Organic Matter Structural Properties and Sorption Mechanisms of Phenanthrene. <i>Environmental Science &amp; Technology</i> , 2011, 45, 3996-4002.	4.6	80
128	Comparison of carbonaceous particulate matter emission factors among different solid fuels burned in residential stoves. <i>Atmospheric Environment</i> , 2014, 89, 337-345.	1.9	80
129	Atmospheric polycyclic aromatic hydrocarbons in rural and urban areas of northern China. <i>Environmental Pollution</i> , 2014, 192, 83-90.	3.7	80
130	Evidence for the Importance of Atmospheric Nitrogen Deposition to Eutrophic Lake Dianchi, China. <i>Environmental Science &amp; Technology</i> , 2017, 51, 6699-6708.	4.6	80
131	Fate Modeling of Phenanthrene with Regional Variation in Tianjin, China. <i>Environmental Science &amp; Technology</i> , 2003, 37, 2453-2459.	4.6	79
132	Marine coastal ecosystem health assessment: a case study of the Tolo Harbour, Hong Kong, China. <i>Ecological Modelling</i> , 2004, 173, 355-370.	1.2	79
133	Treatment of atrazine by integrating photocatalytic and biological processes. <i>Environmental Pollution</i> , 2004, 131, 45-54.	3.7	79
134	A GIS based road traffic noise prediction model. <i>Applied Acoustics</i> , 2002, 63, 679-691.	1.7	77
135	Polycyclic aromatic hydrocarbons and organochlorine pesticides in surface soils from the Qinghai-Tibetan plateau. <i>Journal of Environmental Monitoring</i> , 2011, 13, 175-181.	2.1	77
136	Globalization and pollution: tele-connecting local primary PM <sub>2.5</sub> emissions to global consumption. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016, 472, 20160380.	1.0	77
137	Retene Emission from Residential Solid Fuels in China and Evaluation of Retene as a Unique Marker for Soft Wood Combustion. <i>Environmental Science &amp; Technology</i> , 2012, 46, 4666-4672.	4.6	76
138	Multimedia Fate Model for Hexachlorocyclohexane in Tianjin, China. <i>Environmental Science &amp; Technology</i> , 2004, 38, 2126-2132.	4.6	74
139	Levels of Polycyclic Aromatic Hydrocarbons in Maternal Serum and Risk of Neural Tube Defects in Offspring. <i>Environmental Science &amp; Technology</i> , 2015, 49, 588-596.	4.6	74
140	Importance of Dermal Absorption of Polycyclic Aromatic Hydrocarbons Derived from Barbecue Fumes. <i>Environmental Science &amp; Technology</i> , 2018, 52, 8330-8338.	4.6	74
141	Polycyclic aromatic hydrocarbons in leaf cuticles and inner tissues of six species of trees in urban Beijing. <i>Environmental Pollution</i> , 2008, 151, 158-164.	3.7	73
142	Dietary and inhalation exposure to polycyclic aromatic hydrocarbons and urinary excretion of monohydroxy metabolites – A controlled case study in Beijing, China. <i>Environmental Pollution</i> , 2014, 184, 515-522.	3.7	73
143	Modeling temporal variations in global residential energy consumption and pollutant emissions. <i>Applied Energy</i> , 2016, 184, 820-829.	5.1	73
144	Household air pollution and personal exposure risk of polycyclic aromatic hydrocarbons among rural residents in Shanxi, China. <i>Indoor Air</i> , 2016, 26, 246-258.	2.0	72

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145	Spatial and temporal variations and possible sources of dichlorodiphenyltrichloroethane (DDT) and its metabolites in rivers in Tianjin, China. <i>Chemosphere</i> , 2007, 68, 10-16.	4.2	71
146	Inhalation exposure of traffic police officers to polycyclic aromatic hydrocarbons (PAHs) during the winter in Beijing, China. <i>Science of the Total Environment</i> , 2007, 383, 98-105.	3.9	71
147	Public Health Risk of Arsenic Species in Chicken Tissues from Live Poultry Markets of Guangdong Province, China. <i>Environmental Science &amp; Technology</i> , 2017, 51, 3508-3517.	4.6	71
148	Application of TiO <sub>2</sub> nanoparticles to reduce bioaccumulation of arsenic in rice seedlings ( <i>Oryza sativa</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	6.9	71
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