Shu Tao

List of Publications by Year
in descending order

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574 papers	33,604 citations	2975 93 h-index	8866 145 g-index
587 all docs	587 docs citations	587 times ranked	24695 citing authors

#	Article	IF	Citations
1	Health risks of heavy metals to the general public in Tianjin, China via consumption of vegetables and fish. Science of the Total Environment, 2005, 350, 28-37.	8.0	778
2	Global atmospheric emission inventory of polycyclic aromatic hydrocarbons (PAHs) for 2004. Atmospheric Environment, 2009, 43, 812-819.	4.1	711
3	Global Atmospheric Emissions of Polycyclic Aromatic Hydrocarbons from 1960 to 2008 and Future Predictions. Environmental Science & Technology, 2013, 47, 6415-6424.	10.0	661
4	Emission of Polycyclic Aromatic Hydrocarbons in China. Environmental Science & Technology, 2006, 40, 702-708.	10.0	545
5	The Challenges and Solutions for Cadmium-contaminated Rice in China: A Critical Review. Environment International, 2016, 92-93, 515-532.	10.0	518
6	Interannual variations of monthly and seasonal normalized difference vegetation index (NDVI) in China from 1982 to 1999. Journal of Geophysical Research, 2003, 108, .	3.3	401
7	Inhalation exposure to ambient polycyclic aromatic hydrocarbons and lung cancer risk of Chinese population. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21063-21067.	7.1	397
8	The rise of Southâ€“South trade and its effect on global CO2 emissions. Nature Communications, 2018, 9, 1871.	12.8	328
9	Sorption of Four Hydrophobic Organic Compounds by Three Chemically Distinct Polymers: Role of Chemical and Physical Composition. Environmental Science & Technology, 2012, 46, 7252-7259.	10.0	319
10	Environmental and human health challenges of industrial livestock and poultry farming in China and their mitigation. Environment International, 2017, 107, 111-130.	10.0	291
11	Source Diagnostics of Polycyclic Aromatic Hydrocarbons Based on Species Ratios:Â A Multimedia Approach. Environmental Science & Technology, 2005, 39, 9109-9114.	10.0	286
12	Polycyclic aromatic hydrocarbons (PAHs) in agricultural soil and vegetables from Tianjin. Science of the Total Environment, 2004, 320, 11-24.	8.0	284
13	Concentration and Photochemistry of PAHs, NPAHs, and OPAHs and Toxicity of PM_{2.5} during the Beijing Olympic Games. Environmental Science & Technology, 2011, 45, 6887-6895.	10.0	283
14	Quantifying the rural residential energy transition in China from 1992 to 2012 through a representative national survey. Nature Energy, 2018, 3, 567-573.	39.5	280
15	Health risk assessment on dietary exposure to polycyclic aromatic hydrocarbons (PAHs) in Taiyuan, China. Science of the Total Environment, 2010, 408, 5331-5337.	8.0	265
16	Black Carbon Emissions in China from 1949 to 2050. Environmental Science & Technology, 2012, 46, 7595-7603.	10.0	252
17	Changes in vegetation net primary productivity from 1982 to 1999 in China. Global Biogeochemical Cycles, 2005, 19, n/a-n/a.	4.9	244
18	Contamination of rivers in Tianjin, China by polycyclic aromatic hydrocarbons. Environmental Pollution, 2005, 134, 97-111.	7.5	239

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19	Biological impact of environmental polycyclic aromatic hydrocarbons (ePAHs) as endocrine disruptors. Environmental Pollution, 2016, 213, 809-824.	7.5	236
20	Emission of Polycyclic Aromatic Hydrocarbons in China by County. Environmental Science & Technology, 2007, 41, 683-687.	10.0	234
21	Pollution level, inhalation exposure and lung cancer risk of ambient atmospheric polycyclic aromatic hydrocarbons (PAHs) in Taiyuan, China. Environmental Pollution, 2013, 173, 150-156.	7.5	232
22	Emission Factors of Particulate Matter and Elemental Carbon for Crop Residues and Coals Burned in Typical Household Stoves in China. Environmental Science & Technology, 2010, 44, 7157-7162.	10.0	229
23	Quantification of Global Primary Emissions of PM_{2.5}, PM₁₀, and TSP from Combustion and Industrial Process Sources. Environmental Science & Technology, 2014, 48, 13834-13843.	10.0	219
24	Emissions of PAHs from Indoor Crop Residue Burning in a Typical Rural Stove: Emission Factors, Size Distributions, and Gasâ^'Particle Partitioning. Environmental Science & Technology, 2011, 45, 1206-1212.	10.0	215
25	The contribution of Chinaâ€™s emissions to global climate forcing. Nature, 2016, 531, 357-361.	27.8	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. Environmental Science & Technology, 2013, 47, 2998-3005.	10.0	208
27	Significant contribution of combustion-related emissions to the atmospheric phosphorus budget. Nature Geoscience, 2015, 8, 48-54.	12.9	207
28	Increasing net primary production in China from 1982 to 1999. Frontiers in Ecology and the Environment, 2003, 1, 293-297.	4.0	195
29	Concentrations, sources and spatial distribution of polycyclic aromatic hydrocarbons in soils from Beijing, Tianjin and surrounding areas, North China. Environmental Pollution, 2010, 158, 1245-1251.	7.5	189
30	Global long-range transport and lung cancer risk from polycyclic aromatic hydrocarbons shielded by coatings of organic aerosol. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1246-1251.	7.1	185
31	Sorption and Competition of Aromatic Compounds and Humic Acid on Multiwalled Carbon Nanotubes. Environmental Science & Technology, 2009, 43, 6214-6219.	10.0	183
32	Source apportionment of polycyclic aromatic hydrocarbons in surface soil in Tianjin, China. Environmental Pollution, 2007, 147, 303-310.	7.5	182
33	Emissions of Parent, Nitro, and Oxygenated Polycyclic Aromatic Hydrocarbons from Residential Wood Combustion in Rural China. Environmental Science & Technology, 2012, 46, 8123-8130.	10.0	181
34	Residential solid fuel emissions contribute significantly to air pollution and associated health impacts in China. Science Advances, 2020, 6, .	10.3	181
35	High-resolution mapping of combustion processes and implications for CO₂ emissions. Atmospheric Chemistry and Physics, 2013, 13, 5189-5203.	4.9	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. Analytica Chimica Acta, 2007, 602, 211-222.	5.4	161

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37	Urbanization-induced population migration has reduced ambient PM _{2.5} concentrations in China. Science Advances, 2017, 3, e1700300.	10.3	161
38	Organochlorine Pesticides Contaminated Surface Soil As Reemission Source in the Haihe Plain, China. Environmental Science & Technology, 2008, 42, 8395-8400.	10.0	158
39	Global forest carbon uptake due to nitrogen and phosphorus deposition from 1850 to 2100. Global Change Biology, 2017, 23, 4854-4872.	9.5	158
40	Impacts of air pollutants from rural Chinese households under the rapid residential energy transition. Nature Communications, 2019, 10, 3405.	12.8	158
41	Emission of Polycyclic Aromatic Hydrocarbons from Indoor Straw Burning and Emission Inventory Updating in China. Annals of the New York Academy of Sciences, 2008, 1140, 218-227.	3.8	157
42	Occurrence and exposure to polycyclic aromatic hydrocarbons and their derivatives in a rural Chinese home through biomass fuelled cooking. Environmental Pollution, 2012, 169, 160-166.	7.5	157
43	Atmospheric Particulate Matter Pollution during the 2008 Beijing Olympics. Environmental Science & Technology, 2009, 43, 5314-5320.	10.0	153
44	Energy and air pollution benefits of household fuel policies in northern China. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16773-16780.	7.1	152
45	Lake Ecosystem Health Assessment: Indicators and Methods. Water Research, 2001, 35, 3157-3167.	11.3	151
46	Exposure to ambient black carbon derived from a unique inventory and high-resolution model. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2459-2463.	7.1	148
47	Organochlorine Pesticides in Agricultural Soil and Vegetables from Tianjin, China. Environmental Science & Technology, 2005, 39, 2494-2499.	10.0	144
48	Emission factors and particulate matter size distribution of polycyclic aromatic hydrocarbons from residential coal combustions in rural Northern China. Atmospheric Environment, 2010, 44, 5237-5243.	4.1	143
49	Atmospheric Polycyclic Aromatic Hydrocarbons in North China: A Winter-Time Study. Environmental Science & Technology, 2007, 41, 8256-8261.	10.0	142
50	Interactions of Organic Contaminants with Mineral-Adsorbed Surfactants. Environmental Science & Technology, 2003, 37, 4001-4006.	10.0	133
51	Estimated Reduction in Cancer Risk due to PAH Exposures If Source Control Measures during the 2008 Beijing Olympics Were Sustained. Environmental Health Perspectives, 2011, 119, 815-820.	6.0	131
52	Tracing Primary PM _{2.5} emissions via Chinese supply chains. Environmental Research Letters, 2015, 10, 054005.	5.2	130
53	Sorption Mechanisms of Phenanthrene, Lindane, and Atrazine with Various Humic Acid Fractions from a Single Soil Sample. Environmental Science & Technology, 2011, 45, 2124-2130.	10.0	129
54	Changes in biomass carbon stocks in China's grasslands between 1982 and 1999. Global Biogeochemical Cycles, 2007, 21, n/a-n/a.	4.9	127

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55	Emission Characteristics for Polycyclic Aromatic Hydrocarbons from Solid Fuels Burned in Domestic Stoves in Rural China. Environmental Science & Technology, 2013, 47, 14485-14494.	10.0	127
56	Level and distribution of DDT in surface soils from Tianjin, China. Chemosphere, 2004, 54, 1247-1253.	8.2	124
57	Pollutant Emissions from Improved Coal- and Wood-Fuelled Cookstoves in Rural Households. Environmental Science & Technology, 2015, 49, 6590-6598.	10.0	124
58	Global lung cancer risk from PAH exposure highly depends on emission sources and individual susceptibility. Scientific Reports, 2014, 4, 6561.	3.3	122
59	Impact of soil organic matter on the distribution of polycyclic aromatic hydrocarbons (PAHs) in soils. Environmental Pollution, 2010, 158, 2170-2174.	7.5	121
60	Emission characteristics of polycyclic aromatic hydrocarbons from combustion of different residential coals in North China. Science of the Total Environment, 2009, 407, 1436-1446.	8.0	120
61	Emission of Oxygenated Polycyclic Aromatic Hydrocarbons from Indoor Solid Fuel Combustion. Environmental Science & Technology, 2011, 45, 3459-3465.	10.0	120
62	Releases of brominated flame retardants (BFRs) from microplastics in aqueous medium: Kinetics and molecular-size dependence of diffusion. Water Research, 2019, 151, 215-225.	11.3	120
63	Sulfur Dioxide Emissions from Combustion in China: From 1990 to 2007. Environmental Science & Technology, 2011, 45, 8403-8410.	10.0	119
64	Ecological indicators for assessing freshwater ecosystem health. Ecological Modelling, 1999, 116, 77-106.	2.5	118
65	Field measurement and estimate of gaseous and particle pollutant emissions from cooking and space heating processes in rural households, northern China. Atmospheric Environment, 2016, 125, 265-271.	4.1	117
66	Effects of soil organic matter on the development of the microbial polycyclic aromatic hydrocarbons (PAHs) degradation potentials. Environmental Pollution, 2011, 159, 591-595.	7.5	115
67	An evaluation of air quality, home heating and well-being under Beijingâ€™s programme to eliminate household coal use. Nature Energy, 2019, 4, 416-423.	39.5	115
68	Trend in Global Black Carbon Emissions from 1960 to 2007. Environmental Science & Technology, 2014, 48, 6780-6787.	10.0	114
69	Accumulation and distribution of polycyclic aromatic hydrocarbons in rice (Oryza sativa). Environmental Pollution, 2006, 140, 406-415.	7.5	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. Environmental Science & Technology, 2017, 51, 2821-2829.	10.0	113
71	Atmospheric concentrations and airâ€“soil gas exchange of polycyclic aromatic hydrocarbons (PAHs) in remote, rural village and urban areas of Beijingâ€“Tianjin region, North China. Science of the Total Environment, 2011, 409, 2942-2950.	8.0	112
72	Oxidative potential of ambient PM2.5 in the coastal cities of the Bohai Sea, northern China: Seasonal variation and source apportionment. Environmental Pollution, 2018, 236, 514-528.	7.5	111

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73	Seasonal variation of polycyclic aromatic hydrocarbons (PAHs) emissions in China. Environmental Pollution, 2008, 156, 657-663.	7.5	109
74	Sorption of organic contaminants by biopolymers: Role of polarity, structure and domain spatial arrangement. Chemosphere, 2007, 66, 1476-1484.	8.2	108
75	Atmospheric Transport and Outflow of Polycyclic Aromatic Hydrocarbons from China. Environmental Science & Technology, 2008, 42, 5196-5201.	10.0	107
76	Inventory of anthropogenic methane emissions in mainland China from 1980 to 2010. Atmospheric Chemistry and Physics, 2016, 16, 14545-14562.	4.9	107
77	Estimating household air pollution exposures and health impacts from space heating in rural China. Environment International, 2018, 119, 117-124.	10.0	107
78	Environmental and human exposure to persistent halogenated compounds derived from eâ€waste in China. Environmental Toxicology and Chemistry, 2010, 29, 1237-1247.	4.3	105
79	Sorption of Peat Humic Acids to Multi-Walled Carbon Nanotubes. Environmental Science & Technology, 2011, 45, 9276-9283.	10.0	105
80	Stacked Use and Transition Trends of Rural Household Energy in Mainland China. Environmental Science & Technology, 2019, 53, 521-529.	10.0	105
81	Reductions in Emissions of Carbonaceous Particulate Matter and Polycyclic Aromatic Hydrocarbons from Combustion of Biomass Pellets in Comparison with Raw Fuel Burning. Environmental Science & Technology, 2012, 46, 6409-6416.	10.0	104
82	Spatial distribution, emission source and health risk of parent PAHs and derivatives in surface soils from the Yangtze River Delta, eastern China. Chemosphere, 2017, 178, 301-308.	8.2	104
83	Relations between AVHRR NDVI and ecoclimatic parameters in China. International Journal of Remote Sensing, 2002, 23, 989-999.	2.9	103
84	The carbon budget of terrestrial ecosystems in East Asia over the last two decades. Biogeosciences, 2012, 9, 3571-3586.	3.3	103
85	Polycyclic Aromatic Hydrocarbon Residues in Human Milk, Placenta, and Umbilical Cord Blood in Beijing, China. Environmental Science & Technology, 2011, 45, 10235-10242.	10.0	102
86	Atmospheric polycyclic aromatic hydrocarbon concentrations and gas/particle partitioning at background, rural village and urban sites in the North China Plain. Atmospheric Research, 2011, 99, 197-206.	4.1	102
87	Influence of global climate change on chemical fate and bioaccumulation: The role of multimedia models. Environmental Toxicology and Chemistry, 2013, 32, 20-31.	4.3	102
88	Seasonal and spatial occurrence and distribution of atmospheric polycyclic aromatic hydrocarbons (PAHs) in rural and urban areas of the North Chinese Plain. Environmental Pollution, 2008, 156, 651-656.	7.5	101
89	Relative importance of multiple mechanisms in sorption of organic compounds by multiwalled carbon nanotubes. Carbon, 2010, 48, 3721-3728.	10.3	101
90	Particle size distributions of polycyclic aromatic hydrocarbons in rural and urban atmosphere of Tianjin, China. Chemosphere, 2006, 62, 357-367.	8.2	100

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91	Nonylphenol and Nonylphenol Ethoxylates in River Water, Drinking Water,and Fish Tissues in the Area of Chongqing, China. Archives of Environmental Contamination and Toxicology, 2005, 48, 467-473.	4.1	98
92	Body burden of POPs of Hong Kong residents, based on human milk, maternal and cord serum. Environment International, 2011, 37, 142-151.	10.0	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. Journal of Environmental Sciences, 2013, 25, 1808-1816.	6.1	98
94	Impact of TiO2 nanoparticles on lead uptake and bioaccumulation in rice (Oryza sativa L.). NanoImpact, 2017, 5, 101-108.	4.5	98
95	Sorption Mechanisms of Organic Compounds by Carbonaceous Materials: Site Energy Distribution Consideration. Environmental Science & Technology, 2015, 49, 4894-4902.	10.0	96
96	Occurrence and characteristics of microplastics in the Haihe River: An investigation of a seagoing river flowing through a megacity in northern China. Environmental Pollution, 2020, 262, 114261.	7.5	96
97	Characterizing and comparing risks of polycyclic aromatic hydrocarbons in a Tianjin wastewater-irrigated area. Environmental Research, 2002, 90, 201-206.	7.5	95
98	Introduction to the special issue â€œIn-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing)â€• Atmospheric Chemistry and Physics, 2019, 19, 7519-7546.	4.9	95
99	Data-driven estimates of global nitrous oxide emissions from croplands. National Science Review, 2020, 7, 441-452.	9.5	95
100	Uptake of polycyclic aromatic hydrocarbons by maize plants. Environmental Pollution, 2007, 148, 614-619.	7.5	94
101	Heterogeneous Reactions of Particulate Matter-Bound PAHs and NPAHs with NO₃/N₂O₅, OH Radicals, and O₃ under Simulated Long-Range Atmospheric Transport Conditions: Reactivity and Mutagenicity. Environmental Science & Technology, 2014, 48, 10155-10164.	10.0	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. Environmental Pollution, 2015, 197, 156-164.	7.5	94
103	Trophodynamic Behavior of 4-Nonylphenol and Nonylphenol Polyethoxylate in a Marine Aquatic Food Web from Bohai Bay, North China:Â Comparison to DDTs. Environmental Science & Technology, 2005, 39, 4801-4807.	10.0	93
104	Global time trends in PAH emissions from motor vehicles. Atmospheric Environment, 2011, 45, 2067-2073.	4.1	91
105	Field measurement on the emissions of PM, OC, EC and PAHs from indoor crop straw burning in rural China. Environmental Pollution, 2014, 184, 18-24.	7.5	91
106	A review of air pollution impact on subjective well-being: Survey versus visual psychophysics. Journal of Cleaner Production, 2018, 184, 959-968.	9.3	91
107	The Slowdown in Global Air-Pollutant Emission Growth and Driving Factors. One Earth, 2019, 1, 138-148.	6.8	91
108	Black carbon and mineral dust in snow cover on the Tibetan Plateau. Cryosphere, 2018, 12, 413-431.	3.9	89

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109	A critical review of pollutant emission factors from fuel combustion in home stoves. Environment International, 2021, 157, 106841.	10.0	88
110	Modeling the effects of ecological engineering on ecosystem health of a shallow eutrophic Chinese lake (Lake Chao). Ecological Modelling, 1999, 117, 239-260.	2.5	87
111	A GIS-based method of lake eutrophication assessment. Ecological Modelling, 2001, 144, 231-244.	2.5	87
112	Partitioning and source diagnostics of polycyclic aromatic hydrocarbons in rivers in Tianjin, China. Environmental Pollution, 2007, 146, 492-500.	7.5	86
113	Evaluation and analysis of traffic noise from the main urban roads in Beijing. Applied Acoustics, 2002, 63, 1137-1142.	3.3	85
114	Polycyclic aromatic hydrocarbons in dustfall in Tianjin, China. Science of the Total Environment, 2005, 345, 115-126.	8.0	85
115	Temporal and spatial trends of residential energy consumption and air pollutant emissions in China. Applied Energy, 2013, 106, 17-24.	10.1	85
116	Sources, transport and deposition of iron in the global atmosphere. Atmospheric Chemistry and Physics, 2015, 15, 6247-6270.	4.9	85
117	Source identification, size distribution and indicator screening of airborne trace metals in Kanazawa, Japan. Journal of Aerosol Science, 2005, 36, 197-210.	3.8	84
118	Characteristics of polycyclic aromatic hydrocarbons in agricultural soils at a typical coke production base in Shanxi, China. Chemosphere, 2015, 127, 64-69.	8.2	84
119	Rice life cycle-based global mercury biotransport and human methylmercury exposure. Nature Communications, 2019, 10, 5164.	12.8	84
120	Changes of copper speciation in maize rhizosphere soilâ˜†â˜†Funding was provided by the National Scientific Foundation of China [40031010, 40024101]. Environmental Pollution, 2003, 122, 447-454.	7.5	83
121	Spatial and Temporal Trends in Global Emissions of Nitrogen Oxides from 1960 to 2014. Environmental Science & Technology, 2017, 51, 7992-8000.	10.0	83
122	A New High-Resolution N₂O Emission Inventory for China in 2008. Environmental Science & Technology, 2014, 48, 8538-8547.	10.0	82
123	Risk of human exposure to polycyclic aromatic hydrocarbons: A case study in Beijing, China. Environmental Pollution, 2015, 205, 70-77.	7.5	82
124	Influences of ambient air PM2.5 concentration and meteorological condition on the indoor PM2.5 concentrations in a residential apartment in Beijing using a new approach. Environmental Pollution, 2015, 205, 307-314.	7.5	82
125	Global Sulfur Dioxide Emissions and the Driving Forces. Environmental Science & Technology, 2020, 54, 6508-6517.	10.0	82
126	The 7-Decade Degradation of a Large Freshwater Lake in Central Yangtze River, China. Environmental Science & Technology, 2005, 39, 431-436.	10.0	81

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127	Impact of De-Ashing Humic Acid and Humin on Organic Matter Structural Properties and Sorption Mechanisms of Phenanthrene. Environmental Science & Technology, 2011, 45, 3996-4002.	10.0	80
128	Comparison of carbonaceous particulate matter emission factors among different solid fuels burned in residential stoves. Atmospheric Environment, 2014, 89, 337-345.	4.1	80
129	Atmospheric polycyclic aromatic hydrocarbons in rural and urban areas of northern China. Environmental Pollution, 2014, 192, 83-90.	7.5	80
130	Evidence for the Importance of Atmospheric Nitrogen Deposition to Eutrophic Lake Dianchi, China. Environmental Science & Technology, 2017, 51, 6699-6708.	10.0	80
131	Fate Modeling of Phenanthrene with Regional Variation in Tianjin, China. Environmental Science & Technology, 2003, 37, 2453-2459.	10.0	79
132	Marine coastal ecosystem health assessment: a case study of the Tolo Harbour, Hong Kong, China. Ecological Modelling, 2004, 173, 355-370.	2.5	79
133	Treatment of atrazine by integrating photocatalytic and biological processes. Environmental Pollution, 2004, 131, 45-54.	7.5	79
134	A GIS based road traffic noise prediction model. Applied Acoustics, 2002, 63, 679-691.	3.3	77
135	Polycyclic aromatic hydrocarbons and organochlorine pesticides in surface soils from the Qinghai-Tibetan plateau. Journal of Environmental Monitoring, 2011, 13, 175-181.	2.1	77
136	Globalization and pollution: tele-connecting local primary PM _{2.5} emissions to global consumption. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 472, 20160380.	2.1	77
137	Retene Emission from Residential Solid Fuels in China and Evaluation of Retene as a Unique Marker for Soft Wood Combustion. Environmental Science & Technology, 2012, 46, 4666-4672.	10.0	76
138	Multimedia Fate Model for Hexachlorocyclohexane in Tianjin, China. Environmental Science & Technology, 2004, 38, 2126-2132.	10.0	74
139	Levels of Polycyclic Aromatic Hydrocarbons in Maternal Serum and Risk of Neural Tube Defects in Offspring. Environmental Science & Technology, 2015, 49, 588-596.	10.0	74
140	Importance of Dermal Absorption of Polycyclic Aromatic Hydrocarbons Derived from Barbecue Fumes. Environmental Science & Technology, 2018, 52, 8330-8338.	10.0	74
141	Polycyclic aromatic hydrocarbons in leaf cuticles and inner tissues of six species of trees in urban Beijing. Environmental Pollution, 2008, 151, 158-164.	7.5	73
142	Dietary and inhalation exposure to polycyclic aromatic hydrocarbons and urinary excretion of monohydroxy metabolites â€“ A controlled case study in Beijing, China. Environmental Pollution, 2014, 184, 515-522.	7.5	73
143	Modeling temporal variations in global residential energy consumption and pollutant emissions. Applied Energy, 2016, 184, 820-829.	10.1	73
144	Household air pollution and personal exposure risk of polycyclic aromatic hydrocarbons among rural residents in Shanxi, China. Indoor Air, 2016, 26, 246-258.	4.3	72

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145	Spatial and temporal variations and possible sources of dichlorodiphenyltrichloroethane (DDT) and its metabolites in rivers in Tianjin, China. Chemosphere, 2007, 68, 10-16.	8.2	71
146	Inhalation exposure of traffic police officers to polycyclic aromatic hydrocarbons (PAHs) during the winter in Beijing, China. Science of the Total Environment, 2007, 383, 98-105.	8.0	71
147	Public Health Risk of Arsenic Species in Chicken Tissues from Live Poultry Markets of Guangdong Province, China. Environmental Science & Technology, 2017, 51, 3508-3517.	10.0	71
148	Application of TiO2 nanoparticles to reduce bioaccumulation of arsenic in rice seedlings (Oryza sativa) Tj ETQq0 0 0 rgBT /Overlock 10 T	12.4	71
149	Distribution of particle-phase hydrocarbons, PAHs and OCPs in Tianjin, China. Atmospheric Environment, 2005, 39, 7420-7432.	4.1	70
150	Effect of physical forms of soil organic matter on phenanthrene sorption. Chemosphere, 2007, 68, 1262-1269.	8.2	70
151	Distribution of sorbed phenanthrene and pyrene in different humic fractions of soils and importance of humin. Environmental Pollution, 2006, 143, 24-33.	7.5	69
152	Effects of urban land expansion on the regional meteorology and air quality of eastern China. Atmospheric Chemistry and Physics, 2015, 15, 8597-8614.	4.9	69
153	Estimation of global black carbon direct radiative forcing and its uncertainty constrained by observations. Journal of Geophysical Research D: Atmospheres, 2016, 121, 5948-5971.	3.3	66
154	Organochlorine pesticides in soil profiles from Tianjin, China. Chemosphere, 2006, 64, 1514-1520.	8.2	65
155	Adsorption and absorption of polycyclic aromatic hydrocarbons to rice roots. Environmental Pollution, 2007, 148, 230-235.	7.5	65
156	Multimedia fate modeling of polycyclic aromatic hydrocarbons (PAHs) in Lake Small Baiyangdian, Northern China. Ecological Modelling, 2013, 252, 246-257.	2.5	65
157	Dermal Uptake from Airborne Organics as an Important Route of Human Exposure to E-Waste Combustion Fumes. Environmental Science & Technology, 2016, 50, 6599-6605.	10.0	64
158	The impact of domestic and foreign trade on energy-related PM emissions in Beijing. Applied Energy, 2016, 184, 853-862.	10.1	64
159	Occurrence of nitro- and oxy-PAHs in agricultural soils in eastern China and excess lifetime cancer risks from human exposure through soil ingestion. Environment International, 2017, 108, 261-270.	10.0	64
160	Coregionalization analysis of heavy metals in the surface soil of Inner Mongolia. Science of the Total Environment, 2004, 320, 73-87.	8.0	63
161	Dispersion Modeling of Polycyclic Aromatic Hydrocarbons from Combustion of Biomass and Fossil Fuels and Production of Coke in Tianjin, China. Environmental Science & Technology, 2006, 40, 4586-4591.	10.0	63
162	Exposure of traffic police to Polycyclic aromatic hydrocarbons in Beijing, China. Chemosphere, 2007, 66, 1922-1928.	8.2	63

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163	Organochlorine pesticide residuals in chickens and eggs at a poultry farm in Beijing, China. Environmental Pollution, 2009, 157, 497-502.	7.5	63
164	Efficiencies and pollutant emissions from forced-draft biomass-pellet semi-gasifier stoves: Comparison of International and Chinese water boiling test protocols. Energy for Sustainable Development, 2016, 32, 22-30.	4.5	63
165	An ecosystem health index methodology (EHIM) for lake ecosystem health assessment. Ecological Modelling, 2005, 188, 327-339.	2.5	61
166	Bioaccessibility of polychlorinated biphenyls in different foods using an in vitro digestion method. Environmental Pollution, 2008, 156, 1218-1226.	7.5	60
167	Global organic carbon emissions from primary sources from 1960 to 2009. Atmospheric Environment, 2015, 122, 505-512.	4.1	60
168	Uptake, translocation and transformation of antimony in rice (Oryza sativa L.) seedlings. Environmental Pollution, 2016, 209, 169-176.	7.5	60
169	Enhanced Phototransformation of Tetracycline at Smectite Clay Surfaces under Simulated Sunlight via a Lewis-Base Catalyzed Alkalization Mechanism. Environmental Science & Technology, 2019, 53, 710-718.	10.0	60
170	Residues of Hexachlorocyclohexane Isomers and Their Distribution Characteristics in Soils in the Tianjin Area, China. Archives of Environmental Contamination and Toxicology, 2004, 46, 432-7.	4.1	59
171	Sorption of Aromatic Organic Contaminants by Biopolymers:Â Effects of pH, Copper (II) Complexation, and Cellulose Coating. Environmental Science & Technology, 2007, 41, 185-191.	10.0	59
172	Assessment of Oral Bioaccessibility of Organochlorine Pesticides in Soil Using an In Vitro Gastrointestinal Model. Environmental Science & Technology, 2009, 43, 4524-4529.	10.0	59
173	Residual levels and health risk of polycyclic aromatic hydrocarbons in freshwater fishes from Lake Small Bai-Yang-Dian, Northern China. Ecological Modelling, 2011, 222, 275-286.	2.5	59
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