

Shu Tao

List of Publications by Year in descending order

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Version: 2024-02-01

574
papers

33,604
citations

3449

93
h-index

10129

145
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all docs

587
docs citations

587
times ranked

27584
citing authors

#	ARTICLE	IF	CITATIONS
1	Urinary PAHs metabolites in Karakoram Highway's heavy traffic vehicle (HTV) drivers: evidence of exposure and health risk. <i>Environmental Geochemistry and Health</i> , 2023, 45, 1013-1026.	1.8	1
2	Opportunity and challenges in large-scale geothermal energy exploitation in China. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3813-3834.	6.6	23
3	Atmospheric emissions of PCDDs and PCDFs in China from 1960 to 2014. <i>Journal of Hazardous Materials</i> , 2022, 424, 127320.	6.5	12
4	Introduction of N-containing moieties by ammonia plasma technique can substantially improve ciprofloxacin removal by biochar and the associated mechanisms: Spectroscopic and site energy distribution analysis. <i>Journal of Hazardous Materials</i> , 2022, 424, 127438.	6.5	8
5	Modeling multimedia fate and health risk assessment of polycyclic aromatic hydrocarbons (PAHs) in the coastal regions of the Bohai and Yellow Seas. <i>Science of the Total Environment</i> , 2022, 818, 151789.	3.9	10
6	On-site measured emission factors of polycyclic aromatic hydrocarbons for different types of marine vessels. <i>Environmental Pollution</i> , 2022, 297, 118782.	3.7	9
7	Absorption Enhancement of Black Carbon Aerosols Constrained by Mixing-State Heterogeneity. <i>Environmental Science & Technology</i> , 2022, 56, 1586-1593.	4.6	18
8	Comparing Photoactivities of Dissolved Organic Matter Released from Rice Straw-Pyrolyzed Biochar and Composted Rice Straw. <i>Environmental Science & Technology</i> , 2022, 56, 2803-2815.	4.6	35
9	Rapid Increase in China's Industrial Ammonia Emissions: Evidence from Unit-Based Mapping. <i>Environmental Science & Technology</i> , 2022, 56, 3375-3385.	4.6	20
10	Impact of the initial hydrophilic ratio on black carbon aerosols in the Arctic. <i>Science of the Total Environment</i> , 2022, 817, 153044.	3.9	3
11	High PM _{2.5} Emission from Typical Old, Small Fishing Vessels in China. <i>Environmental Science and Technology Letters</i> , 2022, 9, 199-204.	3.9	3
12	Source contributions and drivers of physiological and psychophysical cobenefits from major air pollution control actions in North China. <i>Environmental Science & Technology</i> , 2022, 56, 2225-2235.	4.6	4
13	Revisiting the proportion of clean household energy users in rural China by accounting for energy stacking. <i>Energy</i> , 2022, 1, 100010.		14
14	Substantial transition to clean household energy mix in rural China. <i>National Science Review</i> , 2022, 9, .	4.6	51
15	Quantified Effects of Multiple Parameters on Inputs and Potential Sources of Microplastics from a Typical River Flowing into the Sea. <i>ACS ES&T Water</i> , 2022, 2, 556-564.	2.3	9
16	Global Emissions of Hydrogen Chloride and Particulate Chloride from Continental Sources. <i>Environmental Science & Technology</i> , 2022, 56, 3894-3904.	4.6	15
17	Real-World Emission Characteristics of Environmentally Persistent Free Radicals in PM _{2.5} from Residential Solid Fuel Combustion. <i>Environmental Science & Technology</i> , 2022, 56, 3997-4004.	4.6	17
18	Tropospheric Ozone Perturbations Induced by Urban Land Expansion in China from 1980 to 2017. <i>Environmental Science & Technology</i> , 2022, 56, 6978-6987.	4.6	4

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19	Globalization-Driven Industry Relocation Significantly Reduces Arctic PAH Contamination. <i>Environmental Science & Technology</i> , 2022, 56, 145-154.	4.6	14
20	Mitigation of air pollutant impacts on rice yields in China by sector. <i>Environmental Research Letters</i> , 2022, 17, 054037.	2.2	5
21	Attributed radiative forcing of air pollutants from biomass and fossil burning emissions. <i>Environmental Pollution</i> , 2022, 306, 119378.	3.7	12
22	Three-Dimensional Dynamic Monitoring of Indoor PM _{2.5} with 3D I-Lidar. <i>Environmental Science and Technology Letters</i> , 2022, 9, 533-537.	3.9	2
23	Unexpected Methane Emissions From Old Small Fishing Vessels in China. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	0
24	Characterization of the vertical variation in indoor PM _{2.5} in an urban apartment in China. <i>Environmental Pollution</i> , 2022, 308, 119652.	3.7	6
25	Socioeconomic and Demographic Associations with Wintertime Air Pollution Exposures at Household, Community, and District Scales in Rural Beijing, China. <i>Environmental Science & Technology</i> , 2022, 56, 8308-8318.	4.6	5
26	Climate Warming Mitigation from Nationally Determined Contributions. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1217-1228.	1.9	6
27	Global Endeavors to Address the Health Effects of Urban Air Pollution. <i>Environmental Science & Technology</i> , 2022, 56, 6793-6798.	4.6	14
28	Global brown carbon emissions from combustion sources. <i>Environmental Science and Ecotechnology</i> , 2022, 12, 100201.	6.7	8
29	Vertically-resolved indoor measurements of air pollution during Chinese cooking. <i>Environmental Science and Ecotechnology</i> , 2022, 12, 100200.	6.7	6
30	Source identification of particulate phosphorus in the atmosphere in Beijing. <i>Science of the Total Environment</i> , 2021, 762, 143174.	3.9	4
31	Effect of aging on stabilization of Cd and Ni by biochars and enzyme activities in a historically contaminated alkaline agricultural soil simulated with wet-dry and freeze-thaw cycling. <i>Environmental Pollution</i> , 2021, 268, 115846.	3.7	36
32	Interprovincial trade driven relocation of polycyclic aromatic hydrocarbons and lung cancer risk in China. <i>Journal of Cleaner Production</i> , 2021, 280, 124368.	4.6	13
33	Effects of anthropogenic discharge and hydraulic deposition on the distribution and accumulation of microplastics in surface sediments of a typical seagoing river: The Haihe River. <i>Journal of Hazardous Materials</i> , 2021, 404, 124180.	6.5	57
34	Application of TiO ₂ nanoparticles to reduce bioaccumulation of arsenic in rice seedlings (<i>Oryza sativa</i>)	6.5	71
35	Stronger impacts of long-term relative to short-term exposure to carbon nanomaterials on soil bacterial communities. <i>Journal of Hazardous Materials</i> , 2021, 410, 124550.	6.5	15
36	Optically Measured Black and Particulate Brown Carbon Emission Factors from Real-World Residential Combustion Predominantly Affected by Fuel Differences. <i>Environmental Science & Technology</i> , 2021, 55, 169-178.	4.6	34

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37	Individual and population level protection from particulate matter exposure by wearing facemasks. <i>Environment International</i> , 2021, 146, 106026.	4.8	20
38	Evaluating co-emissions into indoor and outdoor air of EC, OC, and BC from in-home biomass burning. <i>Atmospheric Research</i> , 2021, 248, 105247.	1.8	30
39	Increased air pollution exposure among the Chinese population during the national quarantine in 2020. <i>Nature Human Behaviour</i> , 2021, 5, 239-246.	6.2	45
40	Impacts of chlorine emissions on secondary pollutants in China. <i>Atmospheric Environment</i> , 2021, 246, 118177.	1.9	7
41	Xenobiotics Targeting Cardiolipin Metabolism to Promote Thrombosis in Zebrafish. <i>Environmental Science & Technology</i> , 2021, 55, 3855-3866.	4.6	9
42	Spatially Resolved Emission Factors to Reduce Uncertainties in Air Pollutant Emission Estimates from the Residential Sector. <i>Environmental Science & Technology</i> , 2021, 55, 4483-4493.	4.6	15
43	Inhalation exposure to size-segregated fine particles and particulate PAHs for the population burning biomass fuels in the Eastern Tibetan Plateau area. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111959.	2.9	21
44	PM2.5 reductions in Chinese cities from 2013 to 2019 remain significant despite the inflating effects of meteorological conditions. <i>One Earth</i> , 2021, 4, 448-458.	3.6	31
45	Trace Elements From Ocean-Going Vessels in East Asia: Vanadium and Nickel Emissions and Their Impacts on Air Quality. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033984.	1.2	25
46	Intermediate Volatile Organic Compound Emissions from Residential Solid Fuel Combustion Based on Field Measurements in Rural China. <i>Environmental Science & Technology</i> , 2021, 55, 5689-5700.	4.6	39
47	The contributions of individual countries and regions to the global radiative forcing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
48	Organochlorine Pesticide Ban Facilitated Reproductive Recovery of Chinese Striped Hamsters. <i>Environmental Science & Technology</i> , 2021, 55, 6140-6149.	4.6	9
49	Coal Is Dirty, but Where It Is Burned Especially Matters. <i>Environmental Science & Technology</i> , 2021, 55, 7316-7326.	4.6	25
50	Temporal and spatial variation of PM2.5 in indoor air monitored by low-cost sensors. <i>Science of the Total Environment</i> , 2021, 770, 145304.	3.9	50
51	Evaluation of PAHs in edible parts of vegetables and their human health risks in Jinzhong City, Shanxi Province, China: A multimedia modeling approach. <i>Science of the Total Environment</i> , 2021, 773, 145076.	3.9	12
52	Emissions of particulate PAHs from solid fuel combustion in indoor cookstoves. <i>Science of the Total Environment</i> , 2021, 771, 145411.	3.9	40
53	Updated Global Black Carbon Emissions from 1960 to 2017: Improvements, Trends, and Drivers. <i>Environmental Science & Technology</i> , 2021, 55, 7869-7879.	4.6	49
54	Emission factors of environmentally persistent free radicals in PM2.5 from rural residential solid fuels combusted in a traditional stove. <i>Science of the Total Environment</i> , 2021, 773, 145151.	3.9	16

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55	The Direct Radiative Forcing Impact of Agriculture-Emitted Black Carbon Associated With India's Green Revolution. <i>Earth's Future</i> , 2021, 9, e2021EF001975.	2.4	4
56	Mass Absorption Efficiency of Black Carbon from Residential Solid Fuel Combustion and Its Association with Carbonaceous Fractions. <i>Environmental Science & Technology</i> , 2021, 55, 10662-10671.	4.6	16
57	Direct and Inverse Reduced-Form Models for Reciprocal Calculation of BC Emissions and Atmospheric Concentrations. <i>Environmental Science & Technology</i> , 2021, 55, 10300-10309.	4.6	0
58	Reinforcement of Secondary Circulation by Aerosol Feedback and PM _{2.5} Vertical Exchange in the Atmospheric Boundary Layer. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094465.	1.5	2
59	Field-based evidence of changes in household PM _{2.5} and exposure during the 2020 national quarantine in China. <i>Environmental Research Letters</i> , 2021, 16, 094020.	2.2	10
60	Bioaccessibility and public health risk of heavy Metal(loid)s in the airborne particulate matter of four cities in northern China. <i>Chemosphere</i> , 2021, 277, 130312.	4.2	30
61	Spatiotemporal variations and source identification of atmospheric nitrated and oxygenated polycyclic aromatic hydrocarbons in the coastal cities of the Bohai and Yellow Seas in northern China. <i>Chemosphere</i> , 2021, 279, 130565.	4.2	13
62	Indoor Coal Combustion for Heating Exacerbates CO ₂ Exposure Approaching Harmful Levels. <i>Environmental Science and Technology Letters</i> , 2021, 8, 861-866.	3.9	6
63	Water-induced release of recalcitrant polycyclic aromatic hydrocarbons from soil organic matter during microwave-assisted solvent extraction. <i>Environmental Pollution</i> , 2021, 284, 117493.	3.7	6
64	Contributions of biomass burning to global and regional SO ₂ emissions. <i>Atmospheric Research</i> , 2021, 260, 105709.	1.8	23
65	Toward Clean Residential Energy: Challenges and Priorities in Research. <i>Environmental Science & Technology</i> , 2021, 55, 13602-13613.	4.6	18
66	Unsupervised PM _{2.5} anomalies in China induced by the COVID-19 epidemic. <i>Science of the Total Environment</i> , 2021, 795, 148807.	3.9	12
67	Contributions of internal emissions to peaks and incremental indoor PM _{2.5} in rural coal use households. <i>Environmental Pollution</i> , 2021, 288, 117753.	3.7	28
68	Field-based measurements of major air pollutant emissions from typical porcelain kiln in China. <i>Environmental Pollution</i> , 2021, 288, 117810.	3.7	3
69	Spatiotemporal variability and driving factors of ground-level summertime ozone pollution over eastern China. <i>Atmospheric Environment</i> , 2021, 265, 118686.	1.9	14
70	Substantial leakage into indoor air from on-site solid fuel combustion in chimney stoves. <i>Environmental Pollution</i> , 2021, 291, 118138.	3.7	15
71	A critical review of pollutant emission factors from fuel combustion in home stoves. <i>Environment International</i> , 2021, 157, 106841.	4.8	88
72	Key Factors for Improving the Carcinogenic Risk Assessment of PAH Inhalation Exposure by Monte Carlo Simulation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11106.	1.2	5

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73	Synergistic Health Benefits of Household Stove Upgrading and Energy Switching in Rural China. <i>Environmental Science & Technology</i> , 2021, 55, 14567-14575.	4.6	17
74	The footprint of dioxins in globally traded pork meat. <i>IScience</i> , 2021, 24, 103255.	1.9	2
75	Influence of atmospheric in-cloud aqueous-phase chemistry on the global simulation of SO ₂ in CESM2. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16093-16120.	1.9	10
76	Novel Method for Ozone Isopleth Construction and Diagnosis for the Ozone Control Strategy of Chinese Cities. <i>Environmental Science & Technology</i> , 2021, 55, 15625-15636.	4.6	39
77	Urban residential energy switching in China between 1980 and 2014 prevents 2.2 million premature deaths. <i>One Earth</i> , 2021, 4, 1602-1613.	3.6	14
78	Substantial accumulation of mercury in the deepest parts of the ocean and implications for the environmental mercury cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
79	Analysis of multiple drivers of air pollution emissions in China via interregional trade. <i>Journal of Cleaner Production</i> , 2020, 244, 118507.	4.6	18
80	Data-driven estimates of global nitrous oxide emissions from croplands. <i>National Science Review</i> , 2020, 7, 441-452.	4.6	95
81	A WRF-Chem model-based future vehicle emission control policy simulation and assessment for the Beijing-Tianjin-Hebei region, China. <i>Journal of Environmental Management</i> , 2020, 253, 109751.	3.8	35
82	Submicrometer PM _{1.0} Exposure from Household Burning of Solid Fuels. <i>Environmental Science and Technology Letters</i> , 2020, 7, 1-6.	3.9	22
83	Missed atmospheric organic phosphorus emitted by terrestrial plants, part 2: Experiment of volatile phosphorus. <i>Environmental Pollution</i> , 2020, 258, 113728.	3.7	10
84	Structure- ^o Reactivity Relationships in the Adsorption and Degradation of Substituted Phenylarsonic Acids on Birnessite (Î·MnO ₂). <i>Environmental Science & Technology</i> , 2020, 54, 1475-1483.	4.6	39
85	A novel model for regional indoor PM _{2.5} quantification with both external and internal contributions included. <i>Environment International</i> , 2020, 145, 106124.	4.8	28
86	PAHs emissions from residential biomass burning in real-world cooking stoves in rural China. <i>Environmental Pollution</i> , 2020, 267, 115592.	3.7	48
87	Short-lived climate forcers have long-term climate impacts via the carbon- ^o climate feedback. <i>Nature Climate Change</i> , 2020, 10, 851-855.	8.1	31
88	Quantifying source contributions for indoor CO ₂ and gas pollutants based on the highly resolved sensor data. <i>Environmental Pollution</i> , 2020, 267, 115493.	3.7	33
89	Daily CO ₂ Emission Reduction Indicates the Control of Activities to Contain COVID-19 in China. <i>Innovation(China)</i> , 2020, 1, 100062.	5.2	25
90	Release kinetics as a key linkage between the occurrence of flame retardants in microplastics and their risk to the environment and ecosystem: A critical review. <i>Water Research</i> , 2020, 185, 116253.	5.3	59

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91	Province-level fossil fuel CO ₂ emission estimates for China based on seven inventories. <i>Journal of Cleaner Production</i> , 2020, 277, 123377.	4.6	19
92	Residential solid fuel emissions contribute significantly to air pollution and associated health impacts in China. <i>Science Advances</i> , 2020, 6, .	4.7	181
93	Interactions between organic pollutants and carbon nanomaterials and the associated impact on microbial availability and degradation in soil: a review. <i>Environmental Science: Nano</i> , 2020, 7, 2486-2508.	2.2	14
94	Why Was My Paper Rejected without Review?. <i>Environmental Science & Technology</i> , 2020, 54, 11641-11644.	4.6	10
95	Dissolved Black Carbon Facilitates Photoreduction of Hg(II) to Hg(0) and Reduces Mercury Uptake by Lettuce (<i>Lactuca sativa</i> L.). <i>Environmental Science & Technology</i> , 2020, 54, 11137-11145.	4.6	46
96	Differentiated-Rate Clean Heating Strategy with Superior Environmental and Health Benefits in Northern China. <i>Environmental Science & Technology</i> , 2020, 54, 13458-13466.	4.6	20
97	Regional and Sectoral Sources for Black Carbon Over South China in Spring and Their Sensitivity to East Asian Summer Monsoon Onset. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033219.	1.2	9
98	Light absorption properties and absorption emission factors for indoor biomass burning. <i>Environmental Pollution</i> , 2020, 267, 115652.	3.7	20
99	Global Sulfur Dioxide Emissions and the Driving Forces. <i>Environmental Science & Technology</i> , 2020, 54, 6508-6517.	4.6	82
100	Human exposure to polychlorinated biphenyls embodied in global fish trade. <i>Nature Food</i> , 2020, 1, 292-300.	6.2	35
101	Impacts of Potential China's Environmental Protection Tax Reforms on Provincial Air Pollution Emissions and Economy. <i>Earth's Future</i> , 2020, 8, e2019EF001467.	2.4	15
102	Effects of black carbon and mineral dust on glacial melting on the Muz Taw glacier, Central Asia. <i>Science of the Total Environment</i> , 2020, 740, 140056.	3.9	37
103	Indoor air filtration could lead to increased airborne endotoxin levels. <i>Environment International</i> , 2020, 142, 105878.	4.8	18
104	Effect of northern boreal forest fires on PAH fluctuations across the arctic. <i>Environmental Pollution</i> , 2020, 261, 114186.	3.7	30
105	Analysis of wintertime O ₃ variability using a random forest model and high-frequency observations in Zhangjiakou—an area with background pollution level of the North China Plain. <i>Environmental Pollution</i> , 2020, 262, 114191.	3.7	11
106	Structural equation modeling of PAHs in surrounding environmental media and field yellow carrot in vegetable bases from Northern China: In comparison with field cabbage. <i>Science of the Total Environment</i> , 2020, 717, 137261.	3.9	12
107	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
108	Visualized Metabolic Disorder and Its Chemical Inducer in Wild Crucian Carp from Taihu Lake, China. <i>Environmental Science & Technology</i> , 2020, 54, 3343-3352.	4.6	4

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109	Fugitive Emissions of CO and PM _{2.5} from Indoor Biomass Burning in Chimney Stoves Based on a Newly Developed Carbon Balance Approach. <i>Environmental Science and Technology Letters</i> , 2020, 7, 128-134.	3.9	47
110	An inter-comparative evaluation of PKU-FUEL global SO ₂ emission inventory. <i>Science of the Total Environment</i> , 2020, 722, 137755.	3.9	9
111	Role of Extracellular Polymeric Substances in Microbial Reduction of Arsenate to Arsenite by <i>Escherichia coli</i> and <i>Bacillus subtilis</i> . <i>Environmental Science & Technology</i> , 2020, 54, 6185-6193.	4.6	48
112	Evaluating China's fossil-fuel CO ₂ emissions from a comprehensive dataset of nine inventories. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11371-11385.	1.9	36
113	Multimedia modeling of the PAH concentration and distribution in the Yangtze River Delta and human health risk assessment. <i>Science of the Total Environment</i> , 2019, 647, 962-972.	3.9	47
114	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
115	Global Fire Forecasts Using Both Large-scale Climate Indices and Local Meteorological Parameters. <i>Global Biogeochemical Cycles</i> , 2019, 33, 1129-1145.	1.9	17
116	Effects of temperature on the emission of particulate matter, polycyclic aromatic hydrocarbons, and polybrominated diphenyl ethers from the thermal treatment of printed wiring boards. <i>Journal of Hazardous Materials</i> , 2019, 380, 120849.	6.5	11
117	The cascade of global trade to large climate forcing over the Tibetan Plateau glaciers. <i>Nature Communications</i> , 2019, 10, 3281.	5.8	28
118	Impacts of air pollutants from rural Chinese households under the rapid residential energy transition. <i>Nature Communications</i> , 2019, 10, 3405.	5.8	158
119	China's Ban on Phenylarsonic Feed Additives, A Major Step toward Reducing the Human and Ecosystem Health Risk from Arsenic. <i>Environmental Science & Technology</i> , 2019, 53, 12177-12187.	4.6	57
120	Occurrence, source, and risk assessment of atmospheric parent polycyclic aromatic hydrocarbons in the coastal cities of the Bohai and Yellow Seas, China. <i>Environmental Pollution</i> , 2019, 254, 113046.	3.7	47
121	Deep Learning Prediction of Polycyclic Aromatic Hydrocarbons in the High Arctic. <i>Environmental Science & Technology</i> , 2019, 53, 13238-13245.	4.6	41
122	Distribution characteristics of and personal exposure with polycyclic aromatic hydrocarbons and particulate matter in indoor and outdoor air of rural households in Northern China. <i>Environmental Pollution</i> , 2019, 255, 113176.	3.7	38
123	Humic Acid Can Enhance the Mineralization of Phenanthrene Sorbed on Biochars. <i>Environmental Science & Technology</i> , 2019, 53, 13201-13208.	4.6	19
124	PM _{2.5} -Associated Health Impacts of Beehive Coke Oven Ban in China. <i>Environmental Science & Technology</i> , 2019, 53, 11337-11344.	4.6	4
125	Indoor PM _{2.5} Profiling with a Novel Side-Scatter Indoor Lidar. <i>Environmental Science and Technology Letters</i> , 2019, 6, 612-616.	3.9	19
126	The Slowdown in Global Air-Pollutant Emission Growth and Driving Factors. <i>One Earth</i> , 2019, 1, 138-148.	3.6	91

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127	Influence of cloud microphysical processes on black carbon wet removal, global distributions, and radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1587-1603.	1.9	17
128	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
129	The impact of environmental protection tax on sectoral and spatial distribution of air pollution emissions in China. <i>Environmental Research Letters</i> , 2019, 14, 054013.	2.2	41
130	Plasma assisted-synthesis of magnetic TiO ₂ /SiO ₂ /Fe ₃ O ₄ -polyacrylic acid microsphere and its application for lead removal from water. <i>Science of the Total Environment</i> , 2019, 681, 124-132.	3.9	22
131	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
132	Effects of Various Carbon Nanotubes on Soil Bacterial Community Composition and Structure. <i>Environmental Science & Technology</i> , 2019, 53, 5707-5716.	4.6	41
133	Emission factors of particulate matter, CO and CO ₂ in the pyrolytic processing of typical electronic wastes. <i>Journal of Environmental Sciences</i> , 2019, 81, 93-101.	3.2	5
134	Emission behaviors of nitro- and oxy-polycyclic aromatic hydrocarbons during pyrolytic disposal of electronic wastes. <i>Chemosphere</i> , 2019, 222, 267-274.	4.2	11
135	Impacts of texture properties and airborne particles on accumulation of tobacco-derived chemicals in fabrics. <i>Journal of Hazardous Materials</i> , 2019, 369, 108-115.	6.5	5
136	Air quality and health impacts from the updated industrial emission standards in China. <i>Environmental Research Letters</i> , 2019, 14, 124058.	2.2	5
137	Rice life cycle-based global mercury biotransport and human methylmercury exposure. <i>Nature Communications</i> , 2019, 10, 5164.	5.8	84
138	Effects of International Fuel Trade on Global Sulfur Dioxide Emissions. <i>Environmental Science and Technology Letters</i> , 2019, 6, 727-731.	3.9	15
139	A psychophysical measurement on subjective well-being and air pollution. <i>Nature Communications</i> , 2019, 10, 5473.	5.8	50
140	Triphenyl Phosphate at Environmental Levels Retarded Ovary Development and Reduced Egg Production in Japanese Medaka (<i>Oryzias latipes</i>). <i>Environmental Science & Technology</i> , 2019, 53, 14709-14715.	4.6	55
141	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
142	Improving regulations on residential emissions and non-criteria hazardous contaminants—Insights from a field campaign on ambient PM and PAHs in North China Plain. <i>Environmental Science and Policy</i> , 2019, 92, 201-206.	2.4	18
143	Enhanced Phototransformation of Tetracycline at Smectite Clay Surfaces under Simulated Sunlight via a Lewis-Base Catalyzed Alkalization Mechanism. <i>Environmental Science & Technology</i> , 2019, 53, 710-718.	4.6	60
144	Organochlorine pesticides in ambient air from the littoral cities of northern China: Spatial distribution, seasonal variation, source apportionment and cancer risk assessment. <i>Science of the Total Environment</i> , 2019, 652, 163-176.	3.9	40

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145	Fluctuation in time-resolved PM _{2.5} from rural households with solid fuel-associated internal emission sources. <i>Environmental Pollution</i> , 2019, 244, 304-313.	3.7	39
146	The contribution of the Beijing, Tianjin and Hebei region's iron and steel industry to local air pollution in winter. <i>Environmental Pollution</i> , 2019, 245, 1095-1106.	3.7	54
147	Stacked Use and Transition Trends of Rural Household Energy in Mainland China. <i>Environmental Science & Technology</i> , 2019, 53, 521-529.	4.6	105
148	Seasonal and spatial variations in the chemical components and the cellular effects of particulate matter collected in Northern China. <i>Science of the Total Environment</i> , 2018, 627, 1627-1637.	3.9	28
149	Spatial Representativeness Error in the Ground-Level Observation Networks for Black Carbon Radiation Absorption. <i>Geophysical Research Letters</i> , 2018, 45, 2106-2114.	1.5	18
150	Multi-objective analysis of the co-mitigation of CO ₂ and PM _{2.5} pollution by China's iron and steel industry. <i>Journal of Cleaner Production</i> , 2018, 185, 331-341.	4.6	51
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