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	Urinary PAHs metabolites in Karakoram Highwayâ€™s heavy traffic vehicle (HTV) drivers: evidence of exposure and health risk. Environmental Geochemistry and Health, 2023, 45, 1013-1026.	3.4	1
2	Opportunity and challenges in large-scale geothermal energy exploitation in China. Critical Reviews in Environmental Science and Technology, 2022, 52, 3813-3834.	12.8	23
3	Atmospheric emissions of PCDDs and PCDFs in China from 1960 to 2014. Journal of Hazardous Materials, 2022, 424, 127320.	12.4	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. Journal of Hazardous Materials, 2022, 424, 127438.	12.4	8
5	Modeling multimedia fate and health risk assessment of polycyclic aromatic hydrocarbons (PAHs) in the coastal regions of the Bohai and Yellow Seas. Science of the Total Environment, 2022, 818, 151789.	8.0	10
6	On-site measured emission factors of polycyclic aromatic hydrocarbons for different types of marine vessels. Environmental Pollution, 2022, 297, 118782.	7.5	9
7	Absorption Enhancement of Black Carbon Aerosols Constrained by Mixing-State Heterogeneity. Environmental Science & Technology, 2022, 56, 1586-1593.	10.0	18
8	Comparing Photoactivities of Dissolved Organic Matter Released from Rice Straw-Pyrolyzed Biochar and Composted Rice Straw. Environmental Science & Technology, 2022, 56, 2803-2815.	10.0	35
9	Rapid Increase in Chinaâ€™s Industrial Ammonia Emissions: Evidence from Unit-Based Mapping. Environmental Science & Technology, 2022, 56, 3375-3385.	10.0	20
10	Impact of the initial hydrophilic ratio on black carbon aerosols in the Arctic. Science of the Total Environment, 2022, 817, 153044.	8.0	3
11	High PM_{2.5} Emission from Typical Old, Small Fishing Vessels in China. Environmental Science and Technology Letters, 2022, 9, 199-204.	8.7	3
12	Source contributions and drivers of physiological and psychophysical cobenefits from major air pollution control actions in North China. Environmental Science & Technology, 2022, 56, 2225-2235.	10.0	4
13	Revisiting the proportion of clean household energy users in rural China by accounting for energy stacking. , 2022, 1, 100010.		14
14	Substantial transition to clean household energy mix in rural China. National Science Review, 2022, 9, .	9.5	51
15	Quantified Effects of Multiple Parameters on Inputs and Potential Sources of Microplastics from a Typical River Flowing into the Sea. ACS ES&T Water, 2022, 2, 556-564.	4.6	9
16	Global Emissions of Hydrogen Chloride and Particulate Chloride from Continental Sources. Environmental Science & Technology, 2022, 56, 3894-3904.	10.0	15
17	Real-World Emission Characteristics of Environmentally Persistent Free Radicals in PM_{2.5} from Residential Solid Fuel Combustion. Environmental Science & Technology, 2022, 56, 3997-4004.	10.0	17
18	Tropospheric Ozone Perturbations Induced by Urban Land Expansion in China from 1980 to 2017. Environmental Science & Technology, 2022, 56, 6978-6987.	10.0	4

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19	Globalization-Driven Industry Relocation Significantly Reduces Arctic PAH Contamination. Environmental Science & Technology, 2022, 56, 145-154.	10.0	14
20	Mitigation of air pollutant impacts on rice yields in China by sector. Environmental Research Letters, 2022, 17, 054037.	5.2	5
21	Attributed radiative forcing of air pollutants from biomass and fossil burning emissions. Environmental Pollution, 2022, 306, 119378.	7.5	12
22	Three-Dimensional Dynamic Monitoring of Indoor PM_{2.5} with 3D I-Lidar. Environmental Science and Technology Letters, 2022, 9, 533-537.	8.7	2
23	Unexpected Methane Emissions From Old Small Fishing Vessels in China. Frontiers in Environmental Science, 2022, 10, .	3.3	0
24	Characterization of the vertical variation in indoor PM2.5 in an urban apartment in China. Environmental Pollution, 2022, 308, 119652.	7.5	6
25	Socioeconomic and Demographic Associations with Wintertime Air Pollution Exposures at Household, Community, and District Scales in Rural Beijing, China. Environmental Science & Technology, 2022, 56, 8308-8318.	10.0	5
26	Climate Warming Mitigation from Nationally Determined Contributions. Advances in Atmospheric Sciences, 2022, 39, 1217-1228.	4.3	6
27	Global Endeavors to Address the Health Effects of Urban Air Pollution. Environmental Science & Technology, 2022, 56, 6793-6798.	10.0	14
28	Global brown carbon emissions from combustion sources. Environmental Science and Ecotechnology, 2022, 12, 100201.	13.5	8
29	Vertically-resolved indoor measurements of air pollution during Chinese cooking. Environmental Science and Ecotechnology, 2022, 12, 100200.	13.5	6
30	Source identification of particulate phosphorus in the atmosphere in Beijing. Science of the Total Environment, 2021, 762, 143174.	8.0	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 wetâ€“dry and freezeâ€“thaw cycling. Environmental Pollution, 2021, 268, 115846.	7.5	36
32	Interprovincial trade driven relocation of polycyclic aromatic hydrocarbons and lung cancer risk in China. Journal of Cleaner Production, 2021, 280, 124368.	9.3	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. Journal of Hazardous Materials, 2021, 404, 124180.	12.4	57
34	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
35	Stronger impacts of long-term relative to short-term exposure to carbon nanomaterials on soil bacterial communities. Journal of Hazardous Materials, 2021, 410, 124550.	12.4	15
36	Optically Measured Black and Particulate Brown Carbon Emission Factors from Real-World Residential Combustion Predominantly Affected by Fuel Differences. Environmental Science & Technology, 2021, 55, 169-178.	10.0	34

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37	Individual and population level protection from particulate matter exposure by wearing facemasks. Environment International, 2021, 146, 106026.	10.0	20
38	Evaluating co-emissions into indoor and outdoor air of EC, OC, and BC from in-home biomass burning. Atmospheric Research, 2021, 248, 105247.	4.1	30
39	Increased air pollution exposure among the Chinese population during the national quarantine in 2020. Nature Human Behaviour, 2021, 5, 239-246.	12.0	45
40	Impacts of chlorine emissions on secondary pollutants in China. Atmospheric Environment, 2021, 246, 118177.	4.1	7
41	Xenobiotics Targeting Cardiolipin Metabolism to Promote Thrombosis in Zebrafish. Environmental Science & Technology, 2021, 55, 3855-3866.	10.0	9
42	Spatially Resolved Emission Factors to Reduce Uncertainties in Air Pollutant Emission Estimates from the Residential Sector. Environmental Science & Technology, 2021, 55, 4483-4493.	10.0	15
43	Inhalation exposure to size-segregated fine particles and particulate PAHs for the population burning biomass fuels in the Eastern Tibetan Plateau area. Ecotoxicology and Environmental Safety, 2021, 211, 111959.	6.0	21
44	PM2.5 reductions in Chinese cities from 2013 to 2019 remain significant despite the inflating effects of meteorological conditions. One Earth, 2021, 4, 448-458.	6.8	31
45	Trace Elements From Oceanâ€Going Vessels in East Asia: Vanadium and Nickel Emissions and Their Impacts on Air Quality. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033984.	3.3	25
46	Intermediate Volatile Organic Compound Emissions from Residential Solid Fuel Combustion Based on Field Measurements in Rural China. Environmental Science & Technology, 2021, 55, 5689-5700.	10.0	39
47	The contributions of individual countries and regions to the global radiative forcing. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
48	Organochlorine Pesticide Ban Facilitated Reproductive Recovery of Chinese Striped Hamsters. Environmental Science & Technology, 2021, 55, 6140-6149.	10.0	9
49	Coal Is Dirty, but Where It Is Burned Especially Matters. Environmental Science & Technology, 2021, 55, 7316-7326.	10.0	25
50	Temporal and spatial variation of PM2.5 in indoor air monitored by low-cost sensors. Science of the Total Environment, 2021, 770, 145304.	8.0	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. Science of the Total Environment, 2021, 773, 145076.	8.0	12
52	Emissions of particulate PAHs from solid fuel combustion in indoor cookstoves. Science of the Total Environment, 2021, 771, 145411.	8.0	40
53	Updated Global Black Carbon Emissions from 1960 to 2017: Improvements, Trends, and Drivers. Environmental Science & Technology, 2021, 55, 7869-7879.	10.0	49
54	Emission factors of environmentally persistent free radicals in PM2.5 from rural residential solid fuels combusted in a traditional stove. Science of the Total Environment, 2021, 773, 145151.	8.0	16

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55	The Direct Radiative Forcing Impact of Agricultureâ€Emitted Black Carbon Associated With India's Green Revolution. Earth's Future, 2021, 9, e2021EF001975.	6.3	4
56	Mass Absorption Efficiency of Black Carbon from Residential Solid Fuel Combustion and Its Association with Carbonaceous Fractions. Environmental Science & Technology, 2021, 55, 10662-10671.	10.0	16
57	Direct and Inverse Reduced-Form Models for Reciprocal Calculation of BC Emissions and Atmospheric Concentrations. Environmental Science & Technology, 2021, 55, 10300-10309.	10.0	0
58	Reinforcement of Secondary Circulation by Aerosol Feedback and PM 2.5 Vertical Exchange in the Atmospheric Boundary Layer. Geophysical Research Letters, 2021, 48, e2021GL094465.	4.0	2
59	Field-based evidence of changes in household PM_{2.5} and exposure during the 2020 national quarantine in China. Environmental Research Letters, 2021, 16, 094020.	5.2	10
60	Bioaccessibility and public health risk of heavy Metal(loid)s in the airborne particulate matter of four cities in northern China. Chemosphere, 2021, 277, 130312.	8.2	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. Chemosphere, 2021, 279, 130565.	8.2	13
62	Indoor Coal Combustion for Heating Exacerbates CO₂ Exposure Approaching Harmful Levels. Environmental Science and Technology Letters, 2021, 8, 861-866.	8.7	6
63	Water-induced release of recalcitrant polycyclic aromatic hydrocarbons from soil organic matter during microwave-assisted solvent extraction. Environmental Pollution, 2021, 284, 117493.	7.5	6
64	Contributions of biomass burning to global and regional SO2 emissions. Atmospheric Research, 2021, 260, 105709.	4.1	23
65	Toward Clean Residential Energy: Challenges and Priorities in Research. Environmental Science & Technology, 2021, 55, 13602-13613.	10.0	18
66	Unsupervised PM2.5 anomalies in China induced by the COVID-19 epidemic. Science of the Total Environment, 2021, 795, 148807.	8.0	12
67	Contributions of internal emissions to peaks and incremental indoor PM2.5 in rural coal use households. Environmental Pollution, 2021, 288, 117753.	7.5	28
68	Field-based measurements of major air pollutant emissions from typical porcelain kiln in China. Environmental Pollution, 2021, 288, 117810.	7.5	3
69	Spatiotemporal variability and driving factors of ground-level summertime ozone pollution over eastern China. Atmospheric Environment, 2021, 265, 118686.	4.1	14
70	Substantial leakage into indoor air from on-site solid fuel combustion in chimney stoves. Environmental Pollution, 2021, 291, 118138.	7.5	15
71	A critical review of pollutant emission factors from fuel combustion in home stoves. Environment International, 2021, 157, 106841.	10.0	88
72	Key Factors for Improving the Carcinogenic Risk Assessment of PAH Inhalation Exposure by Monte Carlo Simulation. International Journal of Environmental Research and Public Health, 2021, 18, 11106.	2.6	5

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73	Synergistic Health Benefits of Household Stove Upgrading and Energy Switching in Rural China. Environmental Science & Technology, 2021, 55, 14567-14575.	10.0	17
74	The footprint of dioxins in globally traded pork meat. IScience, 2021, 24, 103255.	4.1	2
75	Influence of atmospheric in-cloud aqueous-phase chemistry on the global simulation of SO₂ in CESM2. Atmospheric Chemistry and Physics, 2021, 21, 16093-16120.	4.9	10
76	Novel Method for Ozone Isopleth Construction and Diagnosis for the Ozone Control Strategy of Chinese Cities. Environmental Science & Technology, 2021, 55, 15625-15636.	10.0	39
77	Urban residential energy switching in China between 1980 and 2014 prevents 2.2 million premature deaths. One Earth, 2021, 4, 1602-1613.	6.8	14
78	Substantial accumulation of mercury in the deepest parts of the ocean and implications for the environmental mercury cycle. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
79	Analysis of multiple drivers of air pollution emissions in China via interregional trade. Journal of Cleaner Production, 2020, 244, 118507.	9.3	18
80	Data-driven estimates of global nitrous oxide emissions from croplands. National Science Review, 2020, 7, 441-452.	9.5	95
81	A WRF-Chem model-based future vehicle emission control policy simulation and assessment for the Beijing-Tianjin-Hebei region, China. Journal of Environmental Management, 2020, 253, 109751.	7.8	35
82	Submicrometer PM_{1.0} Exposure from Household Burning of Solid Fuels. Environmental Science and Technology Letters, 2020, 7, 1-6.	8.7	22
83	Missed atmospheric organic phosphorus emitted by terrestrial plants, part 2: Experiment of volatile phosphorus. Environmental Pollution, 2020, 258, 113728.	7.5	10
84	Structureâ€“Reactivity Relationships in the Adsorption and Degradation of Substituted Phenylarsonic Acids on Birnessite (Î´-MnO₂). Environmental Science & Technology, 2020, 54, 1475-1483.	10.0	39
85	A novel model for regional indoor PM2.5 quantification with both external and internal contributions included. Environment International, 2020, 145, 106124.	10.0	28
86	PAHs emissions from residential biomass burning in real-world cooking stoves in rural China. Environmental Pollution, 2020, 267, 115592.	7.5	48
87	Short-lived climate forcers have long-term climate impacts via the carbonâ€“climate feedback. Nature Climate Change, 2020, 10, 851-855.	18.8	31
88	Quantifying source contributions for indoor CO2 and gas pollutants based on the highly resolved sensor data. Environmental Pollution, 2020, 267, 115493.	7.5	33
89	Daily CO2 Emission Reduction Indicates the Control of Activities to Contain COVID-19 in China. Innovation(China), 2020, 1, 100062.	9.1	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. Water Research, 2020, 185, 116253.	11.3	59

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91	Province-level fossil fuel CO2 emission estimates for China based on seven inventories. Journal of Cleaner Production, 2020, 277, 123377.	9.3	19
92	Residential solid fuel emissions contribute significantly to air pollution and associated health impacts in China. Science Advances, 2020, 6, .	10.3	181
93	Interactions between organic pollutants and carbon nanomaterials and the associated impact on microbial availability and degradation in soil: a review. Environmental Science: Nano, 2020, 7, 2486-2508.	4.3	14
94	Why Was My Paper Rejected without Review?. Environmental Science & Technology, 2020, 54, 11641-11644.	10.0	10
95	Dissolved Black Carbon Facilitates Photoreduction of Hg(II) to Hg(0) and Reduces Mercury Uptake by Lettuce (Lactuca sativa L.). Environmental Science & Technology, 2020, 54, 11137-11145.	10.0	46
96	Differentiated-Rate Clean Heating Strategy with Superior Environmental and Health Benefits in Northern China. Environmental Science & Technology, 2020, 54, 13458-13466.	10.0	20
97	Regional and Sectoral Sources for Black Carbon Over South China in Spring and Their Sensitivity to East Asian Summer Monsoon Onset. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033219.	3.3	9
98	Light absorption properties and absorption emission factors for indoor biomass burning. Environmental Pollution, 2020, 267, 115652.	7.5	20
99	Global Sulfur Dioxide Emissions and the Driving Forces. Environmental Science & Technology, 2020, 54, 6508-6517.	10.0	82
100	Human exposure to polychlorinated biphenyls embodied in global fish trade. Nature Food, 2020, 1, 292-300.	14.0	35
101	Impacts of Potential China's Environmental Protection Tax Reforms on Provincial Air Pollution Emissions and Economy. Earth's Future, 2020, 8, e2019EF001467.	6.3	15
102	Effects of black carbon and mineral dust on glacial melting on the Muz Taw glacier, Central Asia. Science of the Total Environment, 2020, 740, 140056.	8.0	37
103	Indoor air filtration could lead to increased airborne endotoxin levels. Environment International, 2020, 142, 105878.	10.0	18
104	Effect of northern boreal forest fires on PAH fluctuations across the arctic. Environmental Pollution, 2020, 261, 114186.	7.5	30
105	Analysis of wintertime O3 variability using a random forest model and high-frequency observations in Zhangjiakouâ€”an area with background pollution level of the North China Plain. Environmental Pollution, 2020, 262, 114191.	7.5	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. Science of the Total Environment, 2020, 717, 137261.	8.0	12
107	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
108	Visualized Metabolic Disorder and Its Chemical Inducer in Wild Crucian Carp from Taihu Lake, China. Environmental Science & Technology, 2020, 54, 3343-3352.	10.0	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. Environmental Science and Technology Letters, 2020, 7, 128-134.	8.7	47
110	An inter-comparative evaluation of PKU-FUEL global SO2 emission inventory. Science of the Total Environment, 2020, 722, 137755.	8.0	9
111	Role of Extracellular Polymeric Substances in Microbial Reduction of Arsenate to Arsenite by Escherichia coli and Bacillus subtilis. Environmental Science & Technology, 2020, 54, 6185-6193.	10.0	48
112	Evaluating China's fossil-fuel CO₂ emissions from a comprehensive dataset of nine inventories. Atmospheric Chemistry and Physics, 2020, 20, 11371-11385.	4.9	36
113	Multimedia modeling of the PAH concentration and distribution in the Yangtze River Delta and human health risk assessment. Science of the Total Environment, 2019, 647, 962-972.	8.0	47
114	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
115	Global Fire Forecasts Using Both Largeâ€Scale Climate Indices and Local Meteorological Parameters. Global Biogeochemical Cycles, 2019, 33, 1129-1145.	4.9	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. Journal of Hazardous Materials, 2019, 380, 120849.	12.4	11
117	The cascade of global trade to large climate forcing over the Tibetan Plateau glaciers. Nature Communications, 2019, 10, 3281.	12.8	28
118	Impacts of air pollutants from rural Chinese households under the rapid residential energy transition. Nature Communications, 2019, 10, 3405.	12.8	158
119	Chinaâ€™s Ban on Phenylarsonic Feed Additives, A Major Step toward Reducing the Human and Ecosystem Health Risk from Arsenic. Environmental Science & Technology, 2019, 53, 12177-12187.	10.0	57
120	Occurrence, source, and risk assessment of atmospheric parent polycyclic aromatic hydrocarbons in the coastal cities of the Bohai and Yellow Seas, China. Environmental Pollution, 2019, 254, 113046.	7.5	47
121	Deep Learning Prediction of Polycyclic Aromatic Hydrocarbons in the High Arctic. Environmental Science & Technology, 2019, 53, 13238-13245.	10.0	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. Environmental Pollution, 2019, 255, 113176.	7.5	38
123	Humic Acid Can Enhance the Mineralization of Phenanthrene Sorbed on Biochars. Environmental Science & Technology, 2019, 53, 13201-13208.	10.0	19
124	PM_{2.5}-Associated Health Impacts of Beehive Coke Oven Ban in China. Environmental Science & Technology, 2019, 53, 11337-11344.	10.0	4
125	Indoor PM_{2.5} Profiling with a Novel Side-Scatter Indoor Lidar. Environmental Science and Technology Letters, 2019, 6, 612-616.	8.7	19
126	The Slowdown in Global Air-Pollutant Emission Growth and Driving Factors. One Earth, 2019, 1, 138-148.	6.8	91

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127	Influence of cloud microphysical processes on black carbon wet removal, global distributions, and radiative forcing. Atmospheric Chemistry and Physics, 2019, 19, 1587-1603.	4.9	17
128	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
129	The impact of environmental protection tax on sectoral and spatial distribution of air pollution emissions in China. Environmental Research Letters, 2019, 14, 054013.	5.2	41
130	Plasma assisted-synthesis of magnetic TiO2/SiO2/Fe3O4-polyacrylic acid microsphere and its application for lead removal from water. Science of the Total Environment, 2019, 681, 124-132.	8.0	22
131	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
132	Effects of Various Carbon Nanotubes on Soil Bacterial Community Composition and Structure. Environmental Science & Technology, 2019, 53, 5707-5716.	10.0	41
133	Emission factors of particulate matter, CO and CO2 in the pyrolytic processing of typical electronic wastes. Journal of Environmental Sciences, 2019, 81, 93-101.	6.1	5
134	Emission behaviors of nitro- and oxy-polycyclic aromatic hydrocarbons during pyrolytic disposal of electronic wastes. Chemosphere, 2019, 222, 267-274.	8.2	11
135	Impacts of texture properties and airborne particles on accumulation of tobacco-derived chemicals in fabrics. Journal of Hazardous Materials, 2019, 369, 108-115.	12.4	5
136	Air quality and health impacts from the updated industrial emission standards in China. Environmental Research Letters, 2019, 14, 124058.	5.2	5
137	Rice life cycle-based global mercury biotransport and human methylmercury exposure. Nature Communications, 2019, 10, 5164.	12.8	84
138	Effects of International Fuel Trade on Global Sulfur Dioxide Emissions. Environmental Science and Technology Letters, 2019, 6, 727-731.	8.7	15
139	A psychophysical measurement on subjective well-being and air pollution. Nature Communications, 2019, 10, 5473.	12.8	50
140	Triphenyl Phosphate at Environmental Levels Retarded Ovary Development and Reduced Egg Production in Japanese Medaka (Oryzias latipes). Environmental Science & Technology, 2019, 53, 14709-14715.	10.0	55
141	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
142	Improving regulations on residential emissions and non-criteria hazardous contaminantsâ€”Insights from a field campaign on ambient PM and PAHs in North China Plain. Environmental Science and Policy, 2019, 92, 201-206.	4.9	18
143	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
144	Organochlorine pesticides in ambient air from the littoral cities of northern China: Spatial distribution, seasonal variation, source apportionment and cancer risk assessment. Science of the Total Environment, 2019, 652, 163-176.	8.0	40

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145	Fluctuation in time-resolved PM2.5 from rural households with solid fuel-associated internal emission sources. Environmental Pollution, 2019, 244, 304-313.	7.5	39
146	The contribution of the Beijing, Tianjin and Hebei region's iron and steel industry to local air pollution in winter. Environmental Pollution, 2019, 245, 1095-1106.	7.5	54
147	Stacked Use and Transition Trends of Rural Household Energy in Mainland China. Environmental Science & Technology, 2019, 53, 521-529.	10.0	105
148	Seasonal and spatial variations in the chemical components and the cellular effects of particulate matter collected in Northern China. Science of the Total Environment, 2018, 627, 1627-1637.	8.0	28
149	Spatial Representativeness Error in the Groundâ€Level Observation Networks for Black Carbon Radiation Absorption. Geophysical Research Letters, 2018, 45, 2106-2114.	4.0	18
150	Multi-objective analysis of the co-mitigation of CO2 and PM2.5 pollution by China's iron and steel industry. Journal of Cleaner Production, 2018, 185, 331-341.	9.3	51
151	Health effects of banning beehive coke ovens and implementation of the ban in China. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2693-2698.	7.1	27
152	Origin and Radiative Forcing of Black Carbon Aerosol: Production and Consumption Perspectives. Environmental Science & Technology, 2018, 52, 6380-6389.	10.0	34
153	Structural equation modeling of PAHs in ambient air, dust fall, soil, and cabbage in vegetable bases of Northern China. Environmental Pollution, 2018, 239, 13-20.	7.5	27
154	A mechanistic study of stable dispersion of titanium oxide nanoparticles by humic acid. Water Research, 2018, 135, 85-94.	11.3	18
155	Impacts of rural worker migration on ambient air quality and health in China: From the perspective of upgrading residential energy consumption. Environment International, 2018, 113, 290-299.	10.0	19
156	Public health risk of trace metals in fresh chicken meat products on the food markets of a major production region in southern China. Environmental Pollution, 2018, 234, 667-676.	7.5	44
157	PBDE emission from E-wastes during the pyrolytic process: Emission factor, compositional profile, size distribution, and gas-particle partitioning. Environmental Pollution, 2018, 235, 419-428.	7.5	30
158	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
159	Drivers of contaminant levels in surface water of China during 2000â€“2030: Relative importance for illustrative home and personal care product chemicals. Environment International, 2018, 115, 161-169.	10.0	28
160	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
161	Emission characteristics of polycyclic aromatic hydrocarbons from pyrolytic processing during dismantling of electronic wastes. Journal of Hazardous Materials, 2018, 351, 270-276.	12.4	35
162	Air pollution and inhalation exposure to particulate matter of different sizes in rural households using improved stoves in central China. Journal of Environmental Sciences, 2018, 63, 87-95.	6.1	29

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163	Bioaccessibility of PAHs and PAH derivatives in a fuel soot assessed by an in vitro digestive model with absorptive sink: Effects of aging the soot in a soil-water mixture. Science of the Total Environment, 2018, 615, 169-176.	8.0	15
164	MiR-26a functions as a tumor suppressor in ambient particulate matter-bound metal-triggered lung cancer cell metastasis by targeting LIN28Bâ€“IL6â€“STAT3 axis. Archives of Toxicology, 2018, 92, 1023-1035.	4.2	21
165	Analysis of slight precipitation in China during the past decades and its relationship with advanced very high radiometric resolution normalized difference vegetation index. International Journal of Climatology, 2018, 38, 5563-5575.	3.5	2
166	The long-term relationship between emissions and economic growth for SO ₂ , CO ₂ , and BC. Environmental Research Letters, 2018, 13, 124021.	5.2	19
167	Fuel Use Trends for Boiling Water in Rural China (1992â€“2012) and Environmental Health Implications: A National Cross-Sectional Study. Environmental Science & Technology, 2018, 52, 12886-12894.	10.0	18
168	Importance of Dermal Absorption of Polycyclic Aromatic Hydrocarbons Derived from Barbecue Fumes. Environmental Science & Technology, 2018, 52, 8330-8338.	10.0	74
169	Effect of multiwalled carbon nanotubes on uptake of pyrene by cucumber (Cucumis sativus L.): Mechanistic perspectives. NanoImpact, 2018, 10, 168-176.	4.5	10
170	The rise of Southâ€“South trade and its effect on global CO2 emissions. Nature Communications, 2018, 9, 1871.	12.8	328
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172	Black carbon and mineral dust in snow cover on the Tibetan Plateau. Cryosphere, 2018, 12, 413-431.	3.9	89
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