

# Gan Zhang

## List of Articles by Year in descending order

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580

PR articles

29,018

PR citations

3591

85

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4939

165

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30870

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4743

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22364

citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into autochthonous fungal bioaugmentation mechanisms for recalcitrant petroleum hydrocarbon components using stable isotope probing. <i>Science of the Total Environment</i> , 2025, 958, 178082.	8.4	1
2	Organosulfur Compounds: A Non-Negligible Component Affecting the Light Absorption of Brown Carbon During North China Haze Events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2025, 130, .	3.0	4
3	Heating Temperature and Oxygen Availability Alter the Role of Pyrogenic Dissolved Organic Matter in Sulfamethoxazole Photodegradation. <i>ACS ES&amp;T Water</i> , 2025, 5, 1125-1136.	4.3	0
4	Heating-Induced Changes in Content and Molecular Characteristics of Pyrogenic Dissolved Organic Matter across Soil Types. <i>Environmental Science &amp; Technology</i> , 2025, 59, 3937-3948.	11.1	1
5	Single-Cell Analysis of Microbial Degradation Mechanisms and Remediation Potential for Emerging Pollutants: A Case Study on Methylanthalene. <i>Environmental Science &amp; Technology</i> , 2025, 59, 4709-4720.	11.1	10
6	Temporal Variations and Source Apportionment of Biomass Burning and Biogenic Organic Aerosols in the Pearl River Delta: Effects of the Monsoon, Plant Phenology, and Anthropogenic Activities. <i>Journal of Geophysical Research D: Atmospheres</i> , 2025, 130, .	3.0	3
7	The Intrinsic Link between Optical Properties and Toxicity of Extractable Organic Matter in Combustion Particles: Mediated by Polycyclic Aromatic Compounds. , 2025, 3, 768-776.		1
8	Polycyclic aromatics in the Chang-5 lunar soils. <i>Nature Communications</i> , 2025, 16, .	13.7	0
9	Key toxicity enhancement effect of aqueous-phase secondary formation: Insights from hourly measurements during haze events. <i>Journal of Hazardous Materials</i> , 2025, 492, 138139.	12.5	0
10	Legacy and currently-used pesticides in sedimentary archives: Anthropogenic footprint in the pearl river estuary. <i>Science of the Total Environment</i> , 2025, 976, 179300.	8.4	3
11	Distinct Spatial Distributions and Drivers of Soil Black Carbon and Dissolved Black Carbon in the Xinfengjiang Watershed, South China. <i>ACS Earth and Space Chemistry</i> , 2025, 9, 1194-1203.	3.2	1
12	Aqueous secondary formation substantially contributes to hydrophilic organophosphate esters in aerosols. <i>Nature Communications</i> , 2025, 16, .	13.7	10
13	Concurrent Formation of Low-Maturity EC and BrC in Biomass and Coal Burning: O-PAH as a Precursor. <i>Environmental Science &amp; Technology</i> , 2025, 59, 12083-12095.	11.1	3
14	Continental-scale impact of bomb radiocarbon affects historical fossil fuel carbon dioxide reconstruction. <i>Communications Earth &amp; Environment</i> , 2025, 6, .	6.9	3
15	Substantial reductions in black carbon from both fossil fuels and biomass burning during China's Clean Air Action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2025, 122, .	7.5	3
16	Quantitative relationships of FAM50B and PTCHD3 methylation with reduced intelligence quotients in school aged children exposed to lead: Evidence from epidemiological and in vitro studies. <i>Science of the Total Environment</i> , 2024, 907, 167976.	8.4	6
17	Sources and composition of elemental carbon during haze events in North China by a high time-resolved study. <i>Science of the Total Environment</i> , 2024, 907, 168055.	8.4	12
18	Molecular signatures and formation mechanisms of water-soluble chromophores in particulate matter from Karachi in Pakistan. <i>Science of the Total Environment</i> , 2024, 914, 169890.	8.4	7

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19	The Sources and Atmospheric Processes of Strong Light-Absorbing Components in Water Soluble Brown Carbon: Insights From a Multi-Proxy Study of PM <sub>2.5</sub> in 10 Chinese Cities. <i>Journal of Geophysical Research D: Atmospheres</i> , 2024, 129, .	3.0	8
20	Variations of the atmospheric polycyclic aromatic hydrocarbon concentrations, sources, and health risk and the direct medical costs of lung cancer around the Bohai Sea against a background of pollution prevention and control in China. <i>Atmospheric Chemistry and Physics</i> , 2024, 24, 1509-1523.	4.6	3
21	Dosage- and site-dependent retention of black carbon and polycyclic aromatic hydrocarbons in farmland soils via long-term biochar addition. <i>Carbon Research</i> , 2024, 3, .	12.7	7
22	Seasonal changes in water-soluble brown carbon (BrC) at Nanling background station in South China. <i>Frontiers in Environmental Science</i> , 2024, 12, .	3.2	3
23	Dissolved black carbon in aquatic environments with an emphasis on lacustrine systems: a review. <i>Environmental Reviews</i> , 2024, 32, 263-277.	4.9	3
24	Long-Wavelength Humic-Like Component (L-HULIS) as a Secondary Source Tracer of Brown Carbon in the Atmosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2024, 129, .	3.0	4
25	Cultivation and characterization of functional-yet-uncultivable phenanthrene degraders by stable-isotope-probing and metagenomic-binning directed cultivation (SIP-MDC). <i>Environment International</i> , 2024, 185, 108555.	10.2	8
26	N-nitrosamines in electroplating and printing/dyeing industrial wastewater treatment plants: Removal efficiency, environmental emission, and the influence on drinking water. <i>Water Research</i> , 2024, 255, 121537.	12.5	17
27	Increase in Agricultural-Derived NH <sub>x</sub> and Decrease in Coal Combustion-Derived NO <sub>x</sub> Result in Atmospheric Particulate NH <sub>4</sub> <sup>+</sup> Surpassing NO <sub>3</sub> <sup>-</sup> in the South China Sea. <i>Environmental Science &amp; Technology</i> , 2024, 58, 6682-6692.	11.1	6
28	Grain transportation and consumption reshapes the HCH exposure picture of China. <i>Science of the Total Environment</i> , 2024, 927, 172254.	8.4	0
29	Insights into anthropogenic impact on atmospheric inorganic aerosols in the largest city of the Tibetan Plateau through multidimensional isotope analysis. <i>Science of the Total Environment</i> , 2024, 929, 172643.	8.4	0
30	Occurrence, distribution, and sources of organophosphate esters (OPEs) in the air of the Indo-China Peninsula Based on a Passive Air Monitoring Network. <i>Science of the Total Environment</i> , 2024, 929, 172762.	8.4	8
31	Occurrence and fate of current-use pesticides in Chinese forest soils. <i>Environmental Research</i> , 2024, 255, 119087.	7.8	10
32	Air-plant interaction and air-soil exchange of polycyclic aromatic hydrocarbons in a large human-influenced reservoir in southwest China. <i>Environmental Pollution</i> , 2024, 355, 124216.	7.7	4
33	The emerging and legacy persistent organic contaminants in corals of the South China Sea. <i>Chemosphere</i> , 2024, 359, 142324.	8.2	5
34	Determination of soil phenanthrene degradation through a fungal-bacterial consortium. <i>Applied and Environmental Microbiology</i> , 2024, 90, .	3.6	13
35	Dual-carbon isotope analysis of benzene polycarboxylic acids for tracking black carbon across different environments. <i>Applied Geochemistry</i> , 2024, 170, 106062.	3.3	3
36	Metabolic Characterization and Geochemical Drivers of Active Hydrocarbon-Degrading Microorganisms. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2024, 129, .	2.9	11

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37	Ship Emissions as the Largest Contributor to Coastal Atmospheric Black Carbon at a Receptor Island in Southern China. <i>Environmental Science and Technology Letters</i> , 2024, 11, 723-729.	8.8	5
38	Microbial consortium assembly and functional analysis via isotope labelling and single-cell manipulation of polycyclic aromatic hydrocarbon degraders. <i>ISME Journal</i> , 2024, 18, .	9.1	19
39	Differential fault-fluid alterations and reservoir properties in ultra-deep carbonates in the Tarim Basin, NW China. <i>Applied Geochemistry</i> , 2024, 170, 106084.	3.3	5
40	Informal E-waste recycling in nine cities of Pakistan reveals significant impacts on local air and soil quality and associated health risks. <i>Environmental Pollution</i> , 2024, 355, 124259.	7.7	15
41	The water-insoluble organic carbon in PM <sub>2.5</sub> of typical Chinese urban areas: light-absorbing properties, potential sources, radiative forcing effects, and a possible light-absorbing continuum. <i>Atmospheric Chemistry and Physics</i> , 2024, 24, 7755-7772.	4.6	3
42	Temporal Variations in Fire Impacts on Characteristics and Composition of Soil-Derived Dissolved Organic Matter at Qipan Mountain, China. <i>Environmental Science &amp; Technology</i> , 2024, 58, 13772-13782.	11.1	16
43	SIP-metagenomics reveals key drivers of rhizospheric Benzo[a]pyrene bioremediation via bioaugmentation with indigenous soil microbes. <i>Environmental Pollution</i> , 2024, 360, 124620.	7.7	12
44	Wintertime ozone surges: The critical role of alkene ozonolysis. <i>Environmental Science and Ecotechnology</i> , 2024, 22, 100477.	15.1	7
45	Synergism of endophytic microbiota and plants promotes the removal of polycyclic aromatic hydrocarbons from the Alfalfa rhizosphere. <i>Journal of Hazardous Materials</i> , 2024, 478, 135513.	12.5	10
46	Impact of anthropogenic activities on atmospheric chlorinated paraffins in Ghana using polyurethane foam disk - passive air sampler. <i>Science of the Total Environment</i> , 2024, 954, 176252.	8.4	3
47	Intrinsic Chemical Drivers of Organic Aerosol Volatility: From Experimental Insights to Model Predictions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2024, 129, .	3.0	5
48	Polycyclic aromatics-derived benzene carboxylic acids (BPCAs) as a fast predictor of the genotoxicity of combustion particles. <i>Science of the Total Environment</i> , 2024, 957, 177632.	8.4	4
49	The impact of three related emission industries on regional atmospheric chlorinated paraffins pollution. <i>Environmental Pollution</i> , 2023, 316, 120564.	7.7	6
50	Aquatic environmental fates and risks of benzotriazoles, benzothiazoles, and p-phenylenediamines in a catchment providing water to a megacity of China. <i>Environmental Research</i> , 2023, 216, 114721.	7.8	62
51	Different roles of primary and secondary sources in reducing PM <sub>2.5</sub> : Insights from molecular markers in Pearl River Delta, South China. <i>Atmospheric Environment</i> , 2023, 294, 119487.	3.8	14
52	An innovative passive sampler to reveal the high contribution of biomass burning to black carbon over Indo-China Peninsula: Radiocarbon constraints. <i>Atmospheric Environment</i> , 2023, 294, 119522.	3.8	6
53	Organochlorines in the riverine ecosystem of Punjab province, Pakistan: contamination status, seasonal variation, source apportionment, and ecological risk assessment. <i>Environmental Science and Pollution Research</i> , 2023, 30, 40340-40355.	4.3	4
54	Fates of Benzotriazoles, Benzothiazoles, and p-Phenylenediamines in Wastewater Treatment Plants in Malaysia and Sri Lanka. <i>ACS ES&amp;T Water</i> , 2023, 3, 1630-1640.	4.3	26

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55	Vertical measurements of stable nitrogen and oxygen isotope composition of fine particulate nitrate aerosol in Guangzhou city: Source apportionment and oxidation pathway. <i>Science of the Total Environment</i> , 2023, 865, 161239.	8.4	19
56	Mapping the Contribution of Biomass Burning to Persistent Organic Pollutants in the Air of the Indo-China Peninsula Based on a Passive Air Monitoring Network. <i>Environmental Science &amp; Technology</i> , 2023, 57, 2274-2285.	11.1	6
57	Fates of secondary organic aerosols in the atmosphere identified from compound-specific dual-carbon isotope analysis of oxalic acid. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 1565-1578.	4.6	12
58	Measurement report: Changes in light absorption and molecular composition of water-soluble humic-like substances during a winter haze bloom-decay process in Guangzhou, China. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 963-979.	4.6	18
59	New insight into the mechanisms of autochthonous fungal bioaugmentation of phenanthrene in petroleum contaminated soil by stable isotope probing. <i>Journal of Hazardous Materials</i> , 2023, 452, 131271.	12.5	26
60	Pollution source and chemicals structure of the water-soluble fractions in PM <sub>2.5</sub> that induce apoptosis in China. <i>Environment International</i> , 2023, 173, 107820.	10.2	13
61	Dual role of soil-derived dissolved organic matter in the sulfamethoxazole oxidation by manganese dioxide. <i>Water Research</i> , 2023, 235, 119901.	12.5	35
62	Uptake, accumulation, and translocation of organophosphate esters by watermilo (Myriophyllum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Environmental Science and Pollution Research</i> , 2023, 30, 64662-64672.	4.3	6
63	Compound-specific radiocarbon analysis of benzene polycarboxylic acids for source apportionment of polyaromatic organic matter in ambient aerosols. <i>Atmospheric Environment</i> , 2023, 307, 119832.	3.8	6
64	Quantitative evaluation for the sources and aging processes of organic aerosols in urban Guangzhou: Insights from a comprehensive method of dual carbon isotopes and macro tracers. <i>Science of the Total Environment</i> , 2023, 888, 164182.	8.4	4
65	Optical properties and molecular composition of wintertime atmospheric water-soluble organic carbon in different coastal cities of eastern China. <i>Science of the Total Environment</i> , 2023, 892, 164702.	8.4	18
66	Spatial redistribution and enantiomeric signatures of hexachlorocyclohexanes in Chinese forest soils: Implications to environmental behavior and influencing factors. <i>Science of the Total Environment</i> , 2023, 894, 165024.	8.4	5
67	Chlorinated paraffins in multimedia during residential interior finishing: Occurrences, behavior, and health risk. <i>Environment International</i> , 2023, 178, 108072.	10.2	10
68	High contribution of anthropogenic combustion sources to atmospheric inorganic reactive nitrogen in South China evidenced by isotopes. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 6395-6407.	4.6	12
69	Emission characteristics and optical properties of brown carbon during combustion of pine at different ignition temperatures under high-time resolution. <i>Fuel</i> , 2023, 354, 129400.	7.4	3
70	Aqueous Phase Secondary Processes and Meteorological Change Promote the Brown Carbon Formation and Transformation During Haze Events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	3.0	13
71	Distribution, bioaccumulation, and health risk assessment of organochlorines across the riverine ecosystem of Punjab Province, Pakistan. <i>Environmental Science and Pollution Research</i> , 2023, 30, 98377-98388.	4.3	1
72	Provenance of Aerosol Black Carbon over Northeast Indian Ocean and South China Sea and Implications for Oceanic Black Carbon Cycling. <i>Environmental Science &amp; Technology</i> , 2023, 57, 13067-13078.	11.1	16

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73	Effects of nitrogen stress on uptake and translocation of organophosphate esters by watermiloil ( <i>Myriophyllum aquaticum</i> L.) in an aquatic ecosystem. <i>Environmental Science and Pollution Research</i> , 2023, 30, 94950-94959.	4.3	4
74	Isotopic comparison of ammonium between two summertime field campaigns in 2013 and 2021 at a background site of North China. <i>Science of the Total Environment</i> , 2023, 905, 167304.	8.4	4
75	Characterization of the nitrogen stable isotope composition (δ <sup>15</sup> N) of particulate organic matter (POM) in the Bohai Bay (Overlock 10 Tf 50 682 Tf) (	4.6	7
76	Char dominates black carbon aerosol emission and its historic reduction in China. <i>Nature Communications</i> , 2023, 14, .	13.7	32
77	Benzene polycarboxylic acids as molecular markers of black carbon: Progresses and challenges. <i>Chemosphere</i> , 2023, 341, 140112.	8.2	13
78	Substantial halogenated organic chemicals stored in permafrost soils on the Tibetan Plateau. <i>Nature Geoscience</i> , 2023, 16, 989-996.	11.3	31
79	Characteristics of dissolved black carbon in riverine surface microlayer. <i>Marine Pollution Bulletin</i> , 2023, 194, 115301.	4.9	7
80	Unveiling the novel role of ryegrass rhizospheric metabolites in benzo[a]pyrene biodegradation. <i>Environment International</i> , 2023, 180, 108215.	10.2	20
81	In Situ Discrimination and Cultivation of Active Degradors in Soils by Genome-Directed Cultivation Assisted by SIP-Raman-Activated Cell Sorting. <i>Environmental Science &amp; Technology</i> , 2023, 57, 17087-17098.	11.1	25
82	Aqueous-Phase Reactions of Anthropogenic Emissions Lead to the High Chemodiversity of Atmospheric Nitrogen-Containing Compounds during the Haze Event. <i>Environmental Science &amp; Technology</i> , 2023, 57, 16500-16511.	11.1	31
83	Quantifying the Nitrogen Sources and Secondary Formation of Ambient HONO with a Stable Isotopic Method. <i>Environmental Science &amp; Technology</i> , 2023, 57, 16456-16464.	11.1	7
84	Temperature Thresholds of Pyrogenic Dissolved Organic Matter in Heating Experiments Simulating Forest Fires. <i>Environmental Science &amp; Technology</i> , 2023, 57, 17291-17301.	11.1	22
85	Sources of the Elevating Polycyclic Aromatic Hydrocarbon Pollution in the Western South China Sea and Its Environmental Implications. <i>Environmental Science &amp; Technology</i> , 2023, 57, 20750-20760.	11.1	34
86	Nitrogen-Containing Functional Groups Dominate the Molecular Absorption of Water-Soluble Humic-Like Substances in Air From Nanjing, China Revealed by the Machine Learning Combined FT-ICR-MS Technique. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	3.0	5
87	Nitroaromatic Compounds from Secondary Nitrate Formation and Biomass Burning Are Major Proinflammatory Components in Organic Aerosols in Guangzhou: A Bioassay Combining High-Resolution Mass Spectrometry Analysis. <i>Environmental Science &amp; Technology</i> , 2023, 57, 21570-21580.	11.1	24
88	Plant uptake of perfluoroalkyl substances in freshwater environments (Dongzhulong and Xiaoqing) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 682 Tf) (	12.5	46
89	Characterization of airborne PAHs and metals associated with PM10 fractions collected from an urban area of Sri Lanka and the impact on airway epithelial cells.. <i>Chemosphere</i> , 2022, 286, 131741.	8.2	18
90	Dual-carbon isotope constraints on source apportionment of black carbon in the megacity Guangzhou of the Pearl River Delta region, China for 2018 autumn season. <i>Environmental Pollution</i> , 2022, 294, 118638.	7.7	15

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91	Mechanism of salicylic acid in promoting the rhizosphere benzo[a]pyrene biodegradation as revealed by DNA-stable isotope probing. <i>Science of the Total Environment</i> , 2022, 810, 152202.	8.4	20
92	Exploring source footprint of Organophosphate esters in the Bohai Sea, China: Insight from temporal and spatial variabilities in the atmosphere from June 2014 to May 2019. <i>Environment International</i> , 2022, 159, 107044.	10.2	12
93	Oxidative potential of solvent-extractable organic matter of ambient total suspended particulate in Bangkok, Thailand. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 400-413.	3.2	3
94	Identifying the Active Phenanthrene Degraders and Characterizing Their Metabolic Activities at the Single-Cell Level by the Combination of Magnetic-Nanoparticle-Mediated Isolation, Stable-Isotope Probing, and Raman-Activated Cell Sorting (MMA-SIP-RACS). <i>Environmental Science &amp; Technology</i> , 2022, 56, 2289-2299.	11.1	53
95	The Fate and Transport of Chlorinated Polyfluorinated Ether Sulfonates and Other PFAS through Industrial Wastewater Treatment Facilities in China. <i>Environmental Science &amp; Technology</i> , 2022, 56, 3002-3010.	11.1	86
96	Towards improved characterization of the fate and impact of hydraulic fracturing chemicals to better secure regional water quality. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 497-503.	3.2	11
97	Factors Influencing the Molecular Compositions and Distributions of Atmospheric Nitrogen-Containing Compounds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.0	22
98	Refined source apportionment of residential and industrial fuel combustion in the Beijing based on real-world source profiles. <i>Science of the Total Environment</i> , 2022, 826, 154101.	8.4	13
99	Comparison of atmospheric polycyclic aromatic hydrocarbons (PAHs) over six years at a CAWNET background site in central China: Changes of seasonal variations and potential sources. <i>Chemosphere</i> , 2022, 299, 134298.	8.2	12
100	Nitrogen isotopic composition of NO <sub>x</sub> from residential biomass burning and coal combustion in North China. <i>Environmental Pollution</i> , 2022, 304, 119238.	7.7	32
101	The Sources, Molecular Compositions, and Light Absorption Properties of Water-Soluble Organic Carbon in Marine Aerosols From South China Sea to the Eastern Indian Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.0	16
102	Evaluation of ceiling fan dust as an indicator of indoor PCBs pollution in selected cities of Punjab, Pakistan: implication on human health. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	1.3	5
103	Compound specific stable carbon isotope analysis of aromatic organic contaminants in water using gas chromatography coupled to mid-infrared laser spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1186-1192.	3.0	6
104	The positive role of root decomposition on the bioremediation of organic pollutants contaminated soil: A case study using PCB-9 as a model compound. <i>Soil Biology and Biochemistry</i> , 2022, 171, 108726.	10.5	33
105	Long-Term Evolution of Particulate Nitrate Pollution in North China: Isotopic Evidence From 10 Offshore Cruises in the Bohai Sea From 2014 to 2019. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.0	26
106	Molecular characteristics, sources, and formation pathways of organosulfur compounds in ambient aerosol in Guangzhou, South China. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 6919-6935.	4.6	29
107	Sources and Formation of Atmospheric Nitrate Over China's Indochina Peninsula in Spring: A Perspective From Oxygen and Nitrogen Isotopic Compositions Based on Passive Air Samplers. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.2	2
108	New insight into the mechanism underlying the effect of biochar on phenanthrene degradation in contaminated soil revealed through DNA-SIP. <i>Journal of Hazardous Materials</i> , 2022, 438, 129466.	12.5	28

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109	The influence of anaerobic dechlorination on the aerobic degradation of PCBs in e-waste-contaminated soils in an anaerobic-aerobic two-stage treatment. <i>Science of the Total Environment</i> , 2022, 844, 157195.	8.4	24
110	Antibiotics in sewage treatment plants, receiving water bodies and groundwater of Chennai city and the suburb, South India: Occurrence, removal efficiencies, and risk assessment. <i>Science of the Total Environment</i> , 2022, 851, 158195.	8.4	90
111	Policy-driven variations in oxidation potential and source apportionment of PM <sub>2.5</sub> in Wuhan, central China. <i>Science of the Total Environment</i> , 2022, 853, 158255.	8.4	24
112	Differential mobilization and sequestration of sedimentary black carbon in the East China Sea. <i>Earth and Planetary Science Letters</i> , 2022, 594, 117739.	4.8	10
113	Non-agricultural source dominates the ammonium aerosol in the largest city of South China based on the vertical $\delta^{15}\text{N}$ measurements. <i>Science of the Total Environment</i> , 2022, 848, 157750.	8.4	26
114	Large contribution of fossil-derived components to aqueous secondary organic aerosols in China. <i>Nature Communications</i> , 2022, 13, .	13.7	49
115	Source Diversity of Intermediate Volatility n-Alkanes Revealed by Compound-Specific $\delta^{13}\text{C}$ and $\delta^2\text{H}$ Isotopes. <i>Environmental Science &amp; Technology</i> , 2022, 56, 14262-14271.	11.1	4
116	Molecular Signatures and Sources of Fluorescent Components in Atmospheric Organic Matter in South China. <i>Environmental Science and Technology Letters</i> , 2022, 9, 913-920.	8.8	31
117	Regional monitoring of biomass burning using passive air sampling technique reveals the importance of MODIS unresolved fires. <i>Environment International</i> , 2022, 170, 107582.	10.2	4
118	Day-night alternation and effect of sulfate ions on photodegradation of triclosan in water. <i>Applied Geochemistry</i> , 2022, 147, 105502.	3.3	7
119	Simultaneous determination of stable chlorine and bromine isotopic ratios for bromochlorinated trihalomethanes using GC-qMS. <i>Chemosphere</i> , 2021, 264, 128529.	8.2	4
120	Large-scale biogeographical patterns of antibiotic resistome in the forest soils across China. <i>Journal of Hazardous Materials</i> , 2021, 403, 123990.	12.5	51
121	Levels and profiles of persistent organic pollutants in breast milk in China and their potential health risks to breastfed infants: A review. <i>Science of the Total Environment</i> , 2021, 753, 142028.	8.4	74
122	Examination of barnacles' potential to be used as bioindicators of persistent organic pollutants in coastal ecosystem: A Malaysia case study. <i>Chemosphere</i> , 2021, 263, 128272.	8.2	13
123	Reapportioning the sources of secondary components of PM <sub>2.5</sub> : A combined application of positive matrix factorization and isotopic evidence. <i>Science of the Total Environment</i> , 2021, 764, 142925.	8.4	9
124	Organochlorine pesticides (OCPs) in air-conditioner filter dust of indoor urban setting: Implication for health risk in a developing country. <i>Indoor Air</i> , 2021, 31, 807-817.	4.6	16
125	Source apportionment of PM <sub>2.5</sub> carbonaceous aerosols during a long-lasting winter haze episode in Xiangyang, central China. <i>Atmospheric Pollution Research</i> , 2021, 12, 470-479.	3.7	7
126	DNA Methylation Biomarkers of IQ Reduction are Associated with Long-term Lead Exposure in School Aged Children in Southern China. <i>Environmental Science &amp; Technology</i> , 2021, 55, 412-422.	11.1	20

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127	Polychlorinated biphenyls in indoor dust from urban dwellings of Lahore, Pakistan: Congener profile, toxicity equivalency, and human health implications. <i>Indoor Air</i> , 2021, 31, 1417-1426.	4.6	21
128	Compound-Specific Radiocarbon Analysis of Low Molecular Weight Dicarboxylic Acids in Ambient Aerosols Using Preparative Gas Chromatography: Method Development. <i>Environmental Science and Technology Letters</i> , 2021, 8, 135-141.	8.8	14
129	Diversity and structure of phenanthrene degrading bacterial communities associated with fungal bioremediation in petroleum contaminated soil. <i>Journal of Hazardous Materials</i> , 2021, 403, 123895.	12.5	70
130	Trace metal contamination in soils from mountain regions across China: spatial distribution, sources, and potential drivers. <i>Soil Ecology Letters</i> , 2021, 3, 189-206.	2.8	24
131	Toward a More Comprehensive Understanding of Autochthonous Bioaugmentation (ABA): Cases of ABA for Phenanthrene and Biphenyl by <i>Ralstonia</i> sp. M1 in Industrial Wastewater. <i>ACS ES&amp;T Water</i> , 2021, 1, 1390-1400.	4.3	15
132	Probing Legacy and Alternative Flame Retardants in the Air of Chinese Cities. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9450-9459.	11.1	48
133	Insights into Persistent Toxic Substances in Protective Cases of Mobile Phones: Occurrence, Health Risks, and Implications. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6076-6086.	11.1	12
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