

Hua-Yun Xiao

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122
papers

1,932
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24
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38
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127
ext. papers

2,454
ext. citations

5.8
avg, IF

5.26
L-index

#	Paper	IF	Citations
122	Using delta15N- and delta18O-values to identify nitrate sources in karst ground water, Guiyang, southwest China. <i>Environmental Science & Technology</i> , 2006 , 40, 6928-33	10.3	210
121	Chemical characteristics of water-soluble components in TSP over Guiyang, SW China, 2003. <i>Atmospheric Environment</i> , 2004 , 38, 6297-6306	5.3	105
120	Stable isotope analyses of precipitation nitrogen sources in Guiyang, southwestern China. <i>Environmental Pollution</i> , 2017 , 230, 486-494	9.3	64
119	Stable carbon and nitrogen isotopes of the moss <i>Haplocladium microphyllum</i> in an urban and a background area (SW China): The role of environmental conditions and atmospheric nitrogen deposition. <i>Atmospheric Environment</i> , 2008 , 42, 5413-5423	5.3	63
118	Chemical composition and source apportionment of rainwater at Guiyang, SW China. <i>Journal of Atmospheric Chemistry</i> , 2013 , 70, 269-281	3.2	58
117	Use of isotopic compositions of nitrate in TSP to identify sources and chemistry in South China Sea. <i>Atmospheric Environment</i> , 2015 , 109, 70-78	5.3	54
116	Heavy metal contents and enrichment characteristics of dominant plants in wasteland of the downstream of a lead-zinc mining area in Guangxi, Southwest China. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 151, 266-271	7	52
115	Who controls the monthly variations of NH ₄ ⁺ nitrogen isotope composition in precipitation?. <i>Atmospheric Environment</i> , 2012 , 54, 201-206	5.3	49
114	Simultaneous determination of halogens (F, Cl, Br, and I) in coal using pyrohydrolysis combined with ion chromatography. <i>Fuel</i> , 2012 , 94, 629-631	7.1	47
113	Effects of cadmium stress on growth and amino acid metabolism in two Compositae plants. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 158, 300-308	7	46
112	Atmospheric aerosol compositions over the South China Sea: temporal variability and source apportionment. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 3199-3214	6.8	39
111	$\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ of moss <i>Haplocladium microphyllum</i> (Hedw.) Broth. for indicating growing environment variation and canopy retention on atmospheric nitrogen deposition. <i>Atmospheric Environment</i> , 2007 , 41, 4897-4907	5.3	37
110	Multivariate statistical and lead isotopic analyses approach to identify heavy metal sources in topsoil from the industrial zone of Beijing Capital Iron and Steel Factory. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 14877-14888	5.1	34
109	The elemental and isotopic composition of sulfur and nitrogen in Chinese coals. <i>Organic Geochemistry</i> , 2011 , 42, 84-93	3.1	34
108	Origins of aerosol nitrate in Beijing during late winter through spring. <i>Science of the Total Environment</i> , 2019 , 653, 776-782	10.2	34
107	Effects of wheat straw addition on dynamics and fate of nitrogen applied to paddy soils. <i>Soil and Tillage Research</i> , 2018 , 178, 92-98	6.5	33
106	Mosses Indicating Atmospheric Nitrogen Deposition and Sources in the Yangtze River Drainage Basin, China. <i>Journal of Geophysical Research</i> , 2010 , 115,		33

105	Identifying organic matter provenance in sediments using isotopic ratios in an urban river. <i>Geochemical Journal</i> , 2010 , 44, 181-187	0.9	31
104	Tissue N content and ^{15}N natural abundance in epilithic mosses for indicating atmospheric N deposition in the Guiyang area, SW China. <i>Applied Geochemistry</i> , 2008 , 23, 2708-2715	3.5	31
103	Fossil fuel-related emissions were the major source of NH pollution in urban cities of northern China in the autumn of 2017. <i>Environmental Pollution</i> , 2020 , 256, 113428	9.3	30
102	Lipid biomarkers in suspended particulate matter and surface sediments in the Pearl River Estuary, a subtropical estuary in southern China. <i>Science of the Total Environment</i> , 2019 , 646, 416-426	10.2	26
101	Atmospheric transport of urban-derived $\text{NH}(x)$: Evidence from nitrogen concentration and $\delta(15)\text{N}$ in epilithic mosses at Guiyang, SW China. <i>Environmental Pollution</i> , 2008 , 156, 715-22	9.3	26
100	Sources of reactive nitrogen in marine aerosol over the Northwest Pacific Ocean in spring. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 6207-6222	6.8	24
99	Vertical distribution of PM and interactions with the atmospheric boundary layer during the development stage of a heavy haze pollution event. <i>Science of the Total Environment</i> , 2020 , 704, 135329	10.2	24
98	Chemical characterization and source analysis of water-soluble inorganic ions in $\text{PM}_{2.5}$ from a plateau city of Kunming at different seasons. <i>Atmospheric Research</i> , 2020 , 234, 104687	5.4	22
97	Stable sulphur and nitrogen isotopes of the moss <i>Haplocladium microphyllum</i> at urban, rural and forested sites. <i>Atmospheric Environment</i> , 2010 , 44, 4312-4317	5.3	21
96	Catalytic spectrophotometric determination of iodine in coal by pyrohydrolysis decomposition. <i>Analytica Chimica Acta</i> , 2007 , 601, 183-8	6.6	21
95	Controls on Litter Decomposition of Emergent Macrophyte in Dongting Lake Wetlands. <i>Ecosystems</i> , 2017 , 20, 1383-1389	3.9	20
94	Stable carbon and nitrogen isotope compositions of bulk aerosol samples over the South China Sea. <i>Atmospheric Environment</i> , 2018 , 193, 1-10	5.3	19
93	Climatic and anthropogenic regulation of carbon transport and transformation in a karst river-reservoir system. <i>Science of the Total Environment</i> , 2020 , 707, 135628	10.2	18
92	Nitrogen isotope variations in camphor (<i>Cinnamomum Camphora</i>) leaves of different ages in upper and lower canopies as an indicator of atmospheric nitrogen sources. <i>Environmental Pollution</i> , 2011 , 159, 363-7	9.3	17
91	Enhanced biomass burning as a source of aerosol ammonium over cities in central China in autumn. <i>Environmental Pollution</i> , 2020 , 266, 115278	9.3	17
90	Sources and meteorological factors that control seasonal variation of B_{45} values in rainwater. <i>Atmospheric Research</i> , 2014 , 149, 154-165	5.4	16
89	Identifying the change in atmospheric sulfur sources in China using isotopic ratios in mosses. <i>Journal of Geophysical Research</i> , 2009 , 114,		15
88	Iodine in Chinese coals and its geochemistry during coalification. <i>Applied Geochemistry</i> , 2008 , 23, 2082-2090	9.0	15

87	Comparison of four methods for spatial interpolation of estimated atmospheric nitrogen deposition in South China. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 2578-2588	5.1	14
86	Monitoring atmospheric nitrogen pollution in Guiyang (SW China) by contrasting use of Cinnamomum Camphora leaves, branch bark and bark as biomonitors. <i>Environmental Pollution</i> , 2018 , 233, 1037-1048	9.3	14
85	Response of stable carbon isotope in epilithic mosses to atmospheric nitrogen deposition. <i>Environmental Pollution</i> , 2010 , 158, 2273-81	9.3	14
84	Differentiation Between Nitrate Aerosol Formation Pathways in a Southeast Chinese City by Dual Isotope and Modeling Studies. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2020JD032604	4.4	14
83	The impacts of reservoirs on the sources and transport of riverine organic carbon in the karst area: A multi-tracer study. <i>Water Research</i> , 2021 , 194, 116933	12.5	14
82	Differential responses of litter decomposition to climate between wetland and upland ecosystems in China. <i>Plant and Soil</i> , 2019 , 440, 1-9	4.2	13
81	Spatial Distributions and Sources of Inorganic Chlorine in PM _{2.5} across China in Winter. <i>Atmosphere</i> , 2019 , 10, 505	2.7	13
80	Rayleigh based concept to track NO _x emission sources in urban areas of China. <i>Science of the Total Environment</i> , 2020 , 704, 135362	10.2	13
79	Chemical Composition and Sources of Marine Aerosol over the Western North Pacific Ocean in Winter. <i>Atmosphere</i> , 2018 , 9, 298	2.7	13
78	Dissolved hydrolyzed amino acids in precipitation in suburban Guiyang, southwestern China: Seasonal variations and potential atmospheric processes. <i>Atmospheric Environment</i> , 2019 , 211, 247-255	5.3	12
77	$\delta^{15}\text{N}/\text{NH}_4^+$ variations of rainwater: Application of the Rayleigh model. <i>Atmospheric Research</i> , 2015 , 157, 49-55	5.4	12
76	Free amino acid concentrations and nitrogen isotope signatures in Pinus massoniana (Lamb.) needles of different ages for indicating atmospheric nitrogen deposition. <i>Environmental Pollution</i> , 2017 , 221, 180-190	9.3	11
75	Traffic-related dustfall and NO, but not NH, seriously affect nitrogen isotopic compositions in soil and plant tissues near the roadside. <i>Environmental Pollution</i> , 2019 , 249, 655-665	9.3	11
74	Stable oxygen isotope constraints on nitrate formation in Beijing in springtime. <i>Environmental Pollution</i> , 2020 , 263, 114515	9.3	11
73	Risk Element (As, Cd, Cu, Pb, and Zn) Contamination of Soils and Edible Vegetables in the Vicinity of Guixi Smelter, South China. <i>Soil and Sediment Contamination</i> , 2011 , 20, 592-604	3.2	11
72	Tissue S/N ratios and stable isotopes ($\delta^{34}\text{S}$ and $\delta^{15}\text{N}$) of epilithic mosses (Haplocladium microphyllum) for showing air pollution in urban cities in Southern China. <i>Environmental Pollution</i> , 2010 , 158, 1726-32	9.3	11
71	Total N content and $\delta^{15}\text{N}$ signatures in moss tissue for indicating varying atmospheric nitrogen deposition in Guizhou Province, China. <i>Atmospheric Environment</i> , 2016 , 142, 145-151	5.3	11
70	Changes in nitrate accumulation mechanisms as PM levels increase on the North China Plain: A perspective from the dual isotopic compositions of nitrate. <i>Chemosphere</i> , 2021 , 263, 127915	8.4	11

69	Concentrations and nitrogen isotope compositions of free amino acids in <i>Pinus massoniana</i> (Lamb.) needles of different ages as indicators of atmospheric nitrogen pollution. <i>Atmospheric Environment</i> , 2017 , 164, 348-359	5.3	10
68	Impact of high water level fluctuations on stable isotopic signature of POM and source identification in a floodplain lake Bang Lake (Poyang Lake). <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	10
67	Source Identification of Sulfur in Uncultivated Surface Soils from Four Chinese Provinces. <i>Pedosphere</i> , 2015 , 25, 140-149	5	10
66	Estimates of dry and wet deposition using tissue N contents and ¹⁵ N natural abundance in epilithic mosses in atmospheric NH ₃ -dominated areas. <i>Journal of Geophysical Research</i> , 2011 , 116,		10
65	Sulfur isotopic signatures in rainwater and moss <i>Haplocladium microphyllum</i> indicating atmospheric sulfur sources in Nanchang City (SE China). <i>Science of the Total Environment</i> , 2011 , 409, 2127-32	10.3	10
64	Assessment of atmospheric sulfur with the epilithic moss <i>Haplocladium microphyllum</i> : evidences from tissue sulfur and delta ³⁴ S analysis. <i>Environmental Pollution</i> , 2009 , 157, 2066-71	9.3	10
63	Sulphur isotopic ratios in mosses indicating atmospheric sulphur sources in southern Chinese mountainous areas. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	10
62	Discrimination between extraneous nitrogen input and interior nitrogen release in lakes. <i>Science in China Series D: Earth Sciences</i> , 2004 , 47, 813		10
61	Spatial and temporal water quality characteristics of Poyang Lake Migratory Bird Sanctuary in China. <i>Diqiu Huaxue</i> , 2015 , 34, 38-46		9
60	Adsorption of fluoride on clay minerals and their mechanisms using X-ray photoelectron spectroscopy. <i>Frontiers of Environmental Science and Engineering in China</i> , 2011 , 5, 212-226		9
59	Chemical composition and seasonal variations of PM _{2.5} in an urban environment in Kunming, SW China: Importance of prevailing westerlies in cold season. <i>Atmospheric Environment</i> , 2020 , 237, 117704	5.3	9
58	Sources and transformation of nitrate aerosol in winter 2017-2018 of megacity Beijing: Insights from an alternative approach. <i>Atmospheric Environment</i> , 2020 , 241, 117842	5.3	9
57	A reliable compound-specific nitrogen isotope analysis of amino acids by GC-C-IRMS following derivatisation into N-pivaloyl-iso-propyl (NPIP) esters for high-resolution food webs estimation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1033-1034, 382-389	3.2	9
56	Sources and Transformation Processes of Proteinaceous Matter and Free Amino Acids in PM _{2.5} . <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2020JD032375	4.4	8
55	Assessment of the seasonal cycle of nitrate in PM _{2.5} using chemical compositions and stable nitrogen and oxygen isotopes at Nanchang, China. <i>Atmospheric Environment</i> , 2020 , 225, 117371	5.3	8
54	Rapid and sensitive method for determining free amino acids in plant tissue by high-performance liquid chromatography with fluorescence detection. <i>Acta Geochimica</i> , 2017 , 36, 680-696	2.2	8
53	Abiotic and Biological Degradation of Atmospheric Proteinaceous Matter Can Contribute Significantly to Dissolved Amino Acids in Wet Deposition. <i>Environmental Science & Technology</i> , 2020 , 54, 6551-6561	10.3	7
52	Characteristics of Ground-Level Ozone from 2015 to 2018 in BTH Area, China. <i>Atmosphere</i> , 2020 , 11, 130	2.7	7

51	Nitrogen isotopic composition of free Gly in aerosols at a forest site. <i>Atmospheric Environment</i> , 2020 , 222, 117179	5.3	7
50	Nitrogen concentrations and nitrogen isotopic compositions in leaves of <i>Cinnamomum Camphora</i> and <i>Pinus massoniana</i> (Lamb.) for indicating atmospheric nitrogen deposition in Guiyang (SW China). <i>Atmospheric Environment</i> , 2017 , 159, 1-10	5.3	6
49	Indicating atmospheric sulfur by means of S-isotope in leaves of the plane, osmanthus and camphor trees. <i>Environmental Pollution</i> , 2012 , 162, 80-5	9.3	6
48	Seasonal Control of Water-Soluble Inorganic Ions in PM _{2.5} from Nanning, a Subtropical Monsoon Climate City in Southwestern China. <i>Atmosphere</i> , 2020 , 11, 5	2.7	6
47	Compound-specific $\delta^{15}\text{N}$ composition of free amino acids in moss as indicators of atmospheric nitrogen sources. <i>Scientific Reports</i> , 2018 , 8, 14347	4.9	6
46	Speciation of heavy metals in airborne particles, road dusts, and soils along expressways in China. <i>Diqiu Huaxue</i> , 2013 , 32, 420-429		5
45	Physiological and isotopic signals in epilithic mosses for indicating anthropogenic sulfur on the urban-rural scale. <i>Ecological Indicators</i> , 2011 , 11, 1245-1250	5.8	5
44	Tracing sources of coal combustion using stable sulfur isotope ratios in epilithic mosses and coals from China. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 2243-9		5
43	Epilithic moss as a bio-monitor of atmospheric N deposition in South China. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		5
42	Study on the carbonate ocelli-bearing lamprophyre dykes in the Ailaoshan gold deposit zone, Yunnan Province. <i>Science in China Series D: Earth Sciences</i> , 2002 , 45, 494		5
41	Distribution of selenium in corn and its relationship with soil selenium in Yutangba mini-landscape. <i>Diqiu Huaxue</i> , 2000 , 19, 161-166		5
40	Oxidation and sources of atmospheric NO _x during winter in Beijing based on $\delta^{15}\text{N}$ space of particulate nitrate. <i>Environmental Pollution</i> , 2021 , 276, 116708	9.3	5
39	Dominance of Heterogeneous Chemistry in Summertime Nitrate Accumulation: Insights from Oxygen Isotope of Nitrate ($\delta^{18}\text{O}$ in NO_3^-). <i>ACS Earth and Space Chemistry</i> , 2020 , 4, 818-824	3.2	4
38	How aerosol pH responds to nitrate to sulfate ratio of fine-mode particulate. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 35031-35039	5.1	4
37	Inhibition of litter decomposition of two emergent macrophytes by addition of aromatic plant powder. <i>Scientific Reports</i> , 2017 , 7, 16685	4.9	4
36	Do lamprophyric magma carry gold ?. <i>Science Bulletin</i> , 1999 , 44, 2073-2076		4
35	CO ₂ emissions from karst cascade hydropower reservoirs: mechanisms and reservoir effect. <i>Environmental Research Letters</i> , 2021 , 16, 044013	6.2	4
34	Evaluation of WRF-Chem simulations on vertical profiles of PM _{2.5} with UAV observations during a haze pollution event. <i>Atmospheric Environment</i> , 2021 , 252, 118332	5.3	4

33	Compound-Specific Isotope Analysis of Amino Acid Labeling with Stable Isotope Nitrogen (^{15}N) in Higher Plants. <i>Chromatographia</i> , 2016 , 79, 1197-1205	2.1	4
32	An observational study of the boundary-layer entrainment and impact of aerosol radiative effect under aerosol-polluted conditions. <i>Atmospheric Research</i> , 2021 , 250, 105348	5.4	4
31	Isotopic source analysis of nitrogen-containing aerosol: A study of PM in Guiyang (SW, China). <i>Science of the Total Environment</i> , 2021 , 760, 143935	10.2	4
30	Biomass burning related ammonia emissions promoted a self-amplifying loop in the urban environment in Kunming (SW China). <i>Atmospheric Environment</i> , 2021 , 253, 118138	5.3	4
29	Variations in free amino acid concentrations in mosses and different parts of <i>Cinnamomum camphora</i> along an urban-to-rural gradient. <i>Ecological Indicators</i> , 2018 , 93, 813-821	5.8	4
28	Variation in sources of inorganic nitrogen under different hydrological conditions in a floodplain lake: a case study of Bang Lake (Poyang Lake, Jiangxi Province, China). <i>Inland Waters</i> , 2018 , 8, 176-185	2.4	3
27	Rare-earth element geochemistry of eclogites from the ultra-high pressure metamorphic belt in central China. <i>Diqiu Huaxue</i> , 2000 , 19, 35-44		3
26	Response of fine aerosol nitrate chemistry to Clean Air Action in winter Beijing: Insights from the oxygen isotope signatures. <i>Science of the Total Environment</i> , 2020 , 746, 141210	10.2	3
25	Chemical Characteristics of Major Inorganic Ions in PM _{2.5} Based on Year-Long Observations in Guiyang, Southwest China Implications for Formation Pathways and the Influences of Regional Transport. <i>Atmosphere</i> , 2020 , 11, 847	2.7	3
24	The effects of simulated inundation duration and frequency on litter decomposition: A one-year experiment. <i>Limnologica</i> , 2019 , 74, 8-13	2	3
23	Seasonal variation of nitrogen biogeochemical processes constrained by nitrate dual isotopes in cascade reservoirs, Southwestern China. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 26617-26627	5.1	3
22	Measurement report: Hydrolyzed amino acids in fine and coarse atmospheric aerosol in Nanchang, China: concentrations, compositions, sources and possible bacterial degradation state. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 2585-2600	6.8	3
21	The $\delta^{15}\text{N}$ values of epilithic mosses indicating the changes of nitrogen sources in Guiyang (SW China) from 2006 to 2016-2017. <i>Science of the Total Environment</i> , 2019 , 696, 133988	10.2	2
20	Sulfur isotopic signatures of water-soluble sulfate in needles of <i>Pinus Massoniana</i> Lamb in two Chinese areas. <i>Environmental Earth Sciences</i> , 2015 , 73, 1805-1811	2.9	2
19	Enhanced Primary Production in the Oligotrophic South China Sea Related to Southeast Asian Forest Fires. <i>Journal of Geophysical Research: Oceans</i> , 2020 , 125, e2019JC015663	3.3	2
18	Distribution and source of organochlorine pesticides (OCPs) in the sediments of Poyang Lake. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	2
17	Effects and underlying mechanisms of damming on carbon and nitrogen cycles and transport in rivers of Southwest China: project introduction. <i>Acta Geochimica</i> , 2017 , 36, 577-580	2.2	2
16	Situation of sewage input reflected by nitrogen isotopic composition in a sediment core of Hongfeng Lake. <i>Science Bulletin</i> , 2006 , 51, 971-976		2

15	A fast method to prepare water samples for ^{15}N analysis. <i>Science in China Series D: Earth Sciences</i> , 2001 , 44, 105-107		2
14	A one-year comprehensive characteristics of water soluble inorganic ions in $\text{PM}_{2.5}$ from a typical mountainous city. <i>Atmospheric Pollution Research</i> , 2020 , 11, 1883-1890	4.5	2
13	Evaluation of black carbon source apportionment based on one year's daily observations in Beijing. <i>Science of the Total Environment</i> , 2021 , 773, 145668	10.2	2
12	Elucidating food web structure of the Poyang Lake ecosystem using amino acid nitrogen isotopes and Bayesian mixing model. <i>Limnology and Oceanography: Methods</i> , 2019 , 17, 555-564	2.6	2
11	Methylmercury biomagnification in aquatic food webs of Poyang Lake, China: Insights from amino acid signatures. <i>Journal of Hazardous Materials</i> , 2021 , 404, 123700	12.8	2
10	The use of stable oxygen and nitrogen isotopic signatures to reveal variations in the nitrate formation pathways and sources in different seasons and regions in China. <i>Environmental Research</i> , 2021 , 201, 111537	7.9	2
9	Carbon and nitrogen isotope records in sediments of Lake Taihu, China, and their paleoenvironmental significance. <i>Diqiu Huaxue</i> , 2006 , 25, 271-272		1
8	Combined positive matrix factorization (PMF) and nitrogen isotope signature analysis to provide insights into the source contribution to aerosol free amino acids. <i>Atmospheric Environment</i> , 2022 , 268, 118799	5.3	1
7	Importance of Hydroxyl Radical Chemistry in Isoprene Suppression of Particle Formation from β -Pinene Ozonolysis. <i>ACS Earth and Space Chemistry</i> , 2021 , 5, 487-499	3.2	1
6	Oxidation of Proteinaceous Matter by Ozone and Nitrogen Dioxide in $\text{PM}_{2.5}$: Reaction Mechanisms and Atmospheric Implications. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2021JD034741	4.4	1
5	Isomer-Resolved Reactivity of Organic Peroxides in Monoterpene-Derived Secondary Organic Aerosol. <i>Environmental Science & Technology</i> , 2022 ,	10.3	1
4	Low-molecular-weight carboxylates in urban southwestern China: Source identification and effects on aerosol acidity. <i>Atmospheric Pollution Research</i> , 2021 , 12, 101141	4.5	0
3	Using nitrogen and oxygen stable isotopes to analyze the major NO_x sources to nitrate of $\text{PM}_{2.5}$ in Lanzhou, northwest China, in winter-spring periods. <i>Atmospheric Environment</i> , 2022 , 276, 119036	5.3	0
2	Assessment of bacterial biomass in the highly contaminated urban Nanming River, Guiyang, SW China. <i>Acta Geochimica</i> , 2017 , 36, 638-644	2.2	
1	The oxygen and sulfur isotopic compositions of soluble sulfate in the needles of <i>Pinus massoniana</i> Lamb.: Source discrimination and contribution estimation. <i>Journal of Geochemical Exploration</i> , 2020 , 208, 106402	3.8	