

# Cong-Qiang Liu

## List of Publications by Year in descending order

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193  
papers

4,432  
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94269

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149479

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193  
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193  
docs citations

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times ranked

4745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using $\delta^{15}\text{N}$ - and $\delta^{18}\text{O}$ -Values To Identify Nitrate Sources in Karst Ground Water, Guiyang, Southwest China. <i>Environmental Science &amp; Technology</i> , 2006, 40, 6928-6933.	4.6	276
2	Zircon $\text{Ce}^{4+}/\text{Ce}^{3+}$ ratios and ages for Yulong ore-bearing porphyries in eastern Tibet. <i>Mineralium Deposita</i> , 2006, 41, 152-159.	1.7	257
3	A moisture function of soil heterotrophic respiration that incorporates microscale processes. <i>Nature Communications</i> , 2018, 9, 2562.	5.8	124
4	Chronic Toxicity of Rare-Earth Elements on Human Beings : Implications of Blood Biochemical Indices in REE-high Regions, South Jiangxi. <i>Biological Trace Element Research</i> , 2000, 73, 1-18.	1.9	121
5	Column bioleaching copper and its kinetics of waste printed circuit boards (WPCBs) by <i>Acidithiobacillus ferrooxidans</i> . <i>Chemosphere</i> , 2015, 141, 162-168.	4.2	106
6	Nitrate is an important nitrogen source for Arctic tundra plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3398-3403.	3.3	102
7	Stable isotope analyses of precipitation nitrogen sources in Guiyang, southwestern China. <i>Environmental Pollution</i> , 2017, 230, 486-494.	3.7	92
8	Characterization of Nanming River (southwestern China) sewerage-impacted pollution using an excitation-emission matrix and PARAFAC. <i>Limnology</i> , 2010, 11, 217-231.	0.8	73
9	Sources and transport of nitrate constrained by the isotopic technique in a karst catchment: an example from Southwest China. <i>Hydrological Processes</i> , 2015, 29, 1883-1893.	1.1	72
10	Tracing nitrate sources with dual isotopes and long term monitoring of nitrogen species in the Yellow River, China. <i>Scientific Reports</i> , 2017, 7, 8537.	1.6	69
11	Chemical composition and source apportionment of rainwater at Guiyang, SW China. <i>Journal of Atmospheric Chemistry</i> , 2013, 70, 269-281.	1.4	67
12	Hydrogeochemical characteristics of surface water and groundwater in the karst basin, southwest China. <i>Hydrological Processes</i> , 2009, 23, 2012-2022.	1.1	66
13	Ammonium first: natural mosses prefer atmospheric ammonium but vary utilization of dissolved organic nitrogen depending on habitat and nitrogen deposition. <i>New Phytologist</i> , 2013, 199, 407-419.	3.5	63
14	Geochemical distribution and removal of As, Fe, Mn and Al in a surface water system affected by acid mine drainage at a coalfield in Southwestern China. <i>Environmental Geology</i> , 2009, 57, 1457-1467.	1.2	60
15	Climate Variability Controls on $\text{CO}_2$ Consumption Fluxes and Carbon Dynamics for Monsoonal Rivers: Evidence From Xijiang River, Southwest China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2553-2567.	1.3	58
16	Evaluation of nitrate source in surface water of southwestern China based on stable isotopes. <i>Environmental Earth Sciences</i> , 2013, 68, 219-228.	1.3	57
17	Lead, Zn, and Cd in slags, stream sediments, and soils in an abandoned Zn smelting region, southwest of China, and Pb and S isotopes as source tracers. <i>Journal of Soils and Sediments</i> , 2010, 10, 1527-1539.	1.5	54
18	Photochemical, microbial and metal complexation behavior of fluorescent dissolved organic matter in the aquatic environments. <i>Geochemical Journal</i> , 2011, 45, 235-254.	0.5	52

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19	Juxtaposition of Western Pacific Subtropical High on Asian Summer Monsoon Shapes Subtropical East Asian Precipitation. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL084705.	1.5	50
20	Multiple Sulfur Isotope Constraints on Sources and Formation Processes of Sulfate in Beijing PM <sub>2.5</sub> Aerosol. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7794-7803.	4.6	49
21	Identification of Anthropogenic and Natural Inputs of Sulfate and Chloride into the Karstic Ground Water of Guiyang, SW China: Combined $\delta^{37}\text{Cl}$ and $\delta^{34}\text{S}$ Approach. <i>Environmental Science &amp; Technology</i> , 2008, 42, 5421-5427.	4.6	47
22	Carbon biogeochemical cycle is enhanced by damming in a karst river. <i>Science of the Total Environment</i> , 2018, 616-617, 1181-1189.	3.9	46
23	Spectroscopic characterization and molecular weight distribution of dissolved organic matter in sediment porewaters from Lake Erhai, Southwest China. <i>Biogeochemistry</i> , 2006, 81, 179-189.	1.7	44
24	Dissolved rare earth elements in river waters draining karst terrains in Guizhou Province, China. <i>Aquatic Geochemistry</i> , 2007, 13, 95-107.	1.5	42
25	Temporal and spatial distributions of dissolved organic carbon and nitrogen in two small lakes on the Southwestern China Plateau. <i>Limnology</i> , 2008, 9, 163-171.	0.8	42
26	Temperature evolution from the $\delta^{18}\text{O}$ record of Hani peat, Northeast China, in the last 14000 years. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 952-964.	0.9	42
27	The Up-regulation of Carbonic Anhydrase Genes of <i>Bacillus mucilaginosus</i> under Soluble Ca <sup>2+</sup> Deficiency and the Heterologously Expressed Enzyme Promotes Calcite Dissolution. <i>Geomicrobiology Journal</i> , 2014, 31, 632-641.	1.0	42
28	Effect of carbonic anhydrase on silicate weathering and carbonate formation at present day CO <sub>2</sub> concentrations compared to primordial values. <i>Scientific Reports</i> , 2015, 5, 7733.	1.6	42
29	Linking deeply-sourced volatile emissions to plateau growth dynamics in southeastern Tibetan Plateau. <i>Nature Communications</i> , 2021, 12, 4157.	5.8	42
30	Geochemistry of carbonatites in Maoniuping REE deposit, Sichuan province, China. <i>Science in China Series D: Earth Sciences</i> , 2003, 46, 246-256.	0.9	41
31	Effect of the pollution control measures on PM <sub>2.5</sub> during the 2015 China Victory Day Parade: Implication from water-soluble ions and sulfur isotope. <i>Environmental Pollution</i> , 2016, 218, 230-241.	3.7	41
32	Chronic impact of an accidental wastewater spill from a smelter, China: A study of health risk of heavy metal(loid)s via vegetable intake. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109401.	2.9	41
33	Solute Production and Transport Processes in Chinese Monsoonal Rivers: Implications for Global Climate Change. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006541.	1.9	41
34	Heavy metal accumulation from zinc smelters in a carbonate rock region in Hezhang County, Guizhou Province, China. <i>Water, Air, and Soil Pollution</i> , 2006, 174, 321-339.	1.1	40
35	$\delta^{13}\text{C}$ 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.	1.9	39
36	Using stable isotopes to trace sources and formation processes of sulfate aerosols from Beijing, China. <i>Scientific Reports</i> , 2016, 6, 29958.	1.6	39

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37	Fractionation of Stable Cadmium Isotopes in the Cadmium Tolerant <i>Ricinus communis</i> and Hyperaccumulator <i>Solanum nigrum</i> . <i>Scientific Reports</i> , 2016, 6, 24309.	1.6	39
38	Identifying organic matter provenance in sediments using isotopic ratios in an urban river. <i>Geochemical Journal</i> , 2010, 44, 181-187.	0.5	38
39	Mosses Indicating Atmospheric Nitrogen Deposition and Sources in the Yangtze River Drainage Basin, China. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	38
40	High-frequency monitoring reveals how hydrochemistry and dissolved carbon respond to rainstorms at a karstic critical zone, Southwestern China. <i>Science of the Total Environment</i> , 2020, 714, 136833.	3.9	38
41	Stable Carbon Isotope Biogeochemistry and Anthropogenic Impacts on Karst Ground Water, Zunyi, Southwest China. <i>Aquatic Geochemistry</i> , 2008, 14, 211-221.	1.5	37
42	Sensitivity of chemical weathering and dissolved carbon dynamics to hydrological conditions in a typical karst river. <i>Scientific Reports</i> , 2017, 7, 42944.	1.6	37
43	Characteristics, source, and potential ecological risk assessment of polycyclic aromatic hydrocarbons (PAHs) in the Songhua River Basin, Northeast China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17090-17102.	2.7	37
44	Plant nitrogen and phosphorus utilization under invasive pressure in a montane ecosystem of tropical China. <i>Journal of Ecology</i> , 2019, 107, 372-386.	1.9	37
45	Source appointment of nitrogen in PM <sub>2.5</sub> based on bulk $\delta^{15}\text{N}$ signatures and a Bayesian isotope mixing model. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 69, 1299672.	0.8	36
46	Carbon and oxygen isotopic composition of Lower to Middle Cambrian sediments at Taijiang, Guizhou Province, China. <i>Geological Magazine</i> , 2005, 142, 723-733.	0.9	35
47	Excitation-emission matrix characterization of dissolved organic matter sources in two eutrophic lakes (Southwestern China Plateau). <i>Geochemical Journal</i> , 2010, 44, 99-112.	0.5	35
48	Iron isotope fractionation during biogeochemical cycle: Information from suspended particulate matter (SPM) in Aha Lake and its tributaries, Guizhou, China. <i>Chemical Geology</i> , 2011, 280, 170-179.	1.4	35
49	The O and H isotope characteristics of water from major rivers in China. <i>Diqiu Huaxue</i> , 2015, 34, 28-37.	0.5	34
50	Effects of Fe-S-As coupled redox processes on arsenic mobilization in shallow aquifers of Datong Basin, northern China. <i>Environmental Pollution</i> , 2018, 237, 28-38.	3.7	33
51	Vertical distributions of $^{239+240}\text{Pu}$ activity and $^{240}\text{Pu}/^{239}\text{Pu}$ atom ratio in sediment core of Lake Chenghai, SW China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 275, 37-42.	0.7	32
52	Tracing the sources of nitrate in karstic groundwater in Zunyi, Southwest China: a combined nitrogen isotope and water chemistry approach. <i>Environmental Earth Sciences</i> , 2010, 60, 1415-1423.	1.3	32
53	Nitrate dynamics in natural plants: insights based on the concentration and natural isotope abundances of tissue nitrate. <i>Frontiers in Plant Science</i> , 2014, 5, 355.	1.7	32
54	In-situ cosmogenic $^{36}\text{Cl}$ denudation rates of carbonates in Guizhou karst area. <i>Science Bulletin</i> , 2013, 58, 2473-2479.	1.7	31

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55	Anthropogenically enhanced chemical weathering and carbon evasion in the Yangtze Basin. <i>Scientific Reports</i> , 2015, 5, 11941.	1.6	31
56	Photo-flocculation of microbial mat extracellular polymeric substances and their transformation into transparent exopolymer particles: Chemical and spectroscopic evidences. <i>Scientific Reports</i> , 2017, 7, 9074.	1.6	31
57	Vertical patterns of stable carbon isotope in soils and particle-size fractions of karst areas, Southwest China. <i>Environmental Geology</i> , 2006, 50, 1119-1127.	1.2	28
58	Rare-Earth Element Distribution Characteristics of Biological Chains in Rare-Earth Element-High Background Regions and Their Implications. <i>Biological Trace Element Research</i> , 2000, 73, 19-28.	1.9	27
59	Pitfalls and New Mechanisms in Moss Isotope Biomonitoring of Atmospheric Nitrogen Deposition. <i>Environmental Science &amp; Technology</i> , 2012, 46, 12557-12566.	4.6	27
60	Iron Isotope Compositions of Natural River and Lake Samples in the Karst Area, Guizhou Province, Southwest China. <i>Acta Geologica Sinica</i> , 2011, 85, 712-722.	0.8	26
61	Bacteriostatic Effects of Cerium-Humic Acid Complex : An Experimental Study. <i>Biological Trace Element Research</i> , 2000, 73, 29-36.	1.9	23
62	Sr isotope evolution during chemical weathering of granites. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 726-734.	0.9	23
63	Characterization of Heavy Metals and Sulphur Isotope in Water and Sediments of a Mine-Tailing Area Rich in Carbonate. <i>Water, Air, and Soil Pollution</i> , 2004, 155, 51-62.	1.1	22
64	Geochemistry of rare earth elements in the dissolved, acid-soluble and residual phases in surface waters of the Changjiang Estuary. <i>Journal of Oceanography</i> , 2008, 64, 407-416.	0.7	22
65	The distributions of autumn picoplankton in relation to environmental factors in the reservoirs along the Wujiang River in Guizhou Province, SW China. <i>Hydrobiologia</i> , 2008, 598, 35-45.	1.0	22
66	Spatial and seasonal variation of salt ions under the influence of halophytes, in a coastal flat in eastern China. <i>Environmental Geology</i> , 2009, 57, 1501.	1.2	22
67	Assessment of lead bioaccessibility in soils around lead battery plants in East China. <i>Chemosphere</i> , 2015, 119, 1247-1254.	4.2	22
68	Deciphering a mantle degassing transect related with India-Asia continental convergence from the perspective of volatile origin and outgassing. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 310, 61-78.	1.6	22
69	Stable Isotopes in Sedimentary Organic Matter from Lake Dianchi and their Indication of Eutrophication History. <i>Water, Air, and Soil Pollution</i> , 2009, 199, 159-170.	1.1	21
70	A decrease in pH downstream from the hydroelectric dam in relation to the carbon biogeochemical cycle. <i>Environmental Earth Sciences</i> , 2015, 73, 5299-5306.	1.3	21
71	Trace element geochemistry during chemical weathering. <i>Science Bulletin</i> , 1999, 44, 2260-2263.	1.7	20
72	Chemical characteristics and $\delta^{34S}$ ; $SO_4^{2-}$ of acid rain: Anthropogenic sulfate deposition and its impacts on CO <sub>2</sub> consumption in the rural karst area of southwest China. <i>Geochemical Journal</i> , 2013, 47, 625-638.	0.5	20

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73	Characteristics of water chemistry and its indication of chemical weathering in Jinshajiang, Lancangjiang and Nujiang drainage basins. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	20
74	Inter-species and intra-annual variations of moss nitrogen utilization: Implications for nitrogen deposition assessment. <i>Environmental Pollution</i> , 2017, 230, 506-515.	3.7	20
75	Preliminary insights into $\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ of nitrate in natural mosses: A new application of the denitrifier method. <i>Environmental Pollution</i> , 2012, 162, 48-55.	3.7	19
76	Effect of wheat-maize straw return on the fate of nitrate in groundwater in the Huaihe River Basin, China. <i>Science of the Total Environment</i> , 2017, 592, 78-85.	3.9	19
77	Identifying the change in atmospheric sulfur sources in China using isotopic ratios in mosses. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	18
78	Sources of dissolved organic carbon in forest soils: evidences from the differences of organic carbon concentration and isotope composition studies. <i>Environmental Earth Sciences</i> , 2011, 63, 723-730.	1.3	18
79	Importance of Considered Organic Versus Inorganic Source of Carbon to Lakes for Calculating Net Effect on Landscape C Budgets. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1302-1317.	1.3	18
80	Biotransformation of earthworm activity on potassium-bearing mineral powder. <i>Journal of Earth Science (Wuhan, China)</i> , 2013, 24, 65-74.	1.1	17
81	Nitrogen isotope variations of ammonium across rain events: Implications for different scavenging between ammonia and particulate ammonium. <i>Environmental Pollution</i> , 2018, 239, 392-398.	3.7	17
82	Historical eutrophication in Lake Taihu: evidence from biogenic silica and total phosphorus accumulation in sediments from northern part of Lake Taihu. <i>Environmental Geology</i> , 2008, 55, 1493-1500.	1.2	16
83	Effect of <i>Bacillus mucilaginosus</i> on weathering of phosphorite and a preliminary analysis of bacterial proteins. <i>Diqiu Huaxue</i> , 2008, 27, 209-216.	0.5	16
84	Dehydration of clastic sediments in subduction zones: Theoretical study using thermodynamic data of minerals. <i>Island Arc</i> , 2008, 17, 577-590.	0.5	16
85	The impact of damming on geochemical behavior of dissolved inorganic carbon in a karst river. <i>Science Bulletin</i> , 2014, 59, 2348-2355.	1.7	16
86	Source Identification of Sulfur in Uncultivated Surface Soils from Four Chinese Provinces. <i>Pedosphere</i> , 2015, 25, 140-149.	2.1	16
87	Distribution characteristics and source apportionment of polycyclic aromatic hydrocarbons (PAHs) in the Liao River drainage basin, northeast China. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 227.	1.3	16
88	Environmental characteristics and changes of sediment pore water dissolved organic matter in four Chinese lakes. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2783-2804.	2.7	16
89	Hydrogeochemistry of Wujiang River water in Guizhou Province, China. <i>Diqiu Huaxue</i> , 2001, 20, 240-248.	0.5	15
90	Variations in nitrogen, zinc, and sugar concentrations in Chinese fir seedlings grown on shrubland and plowed soils in response to arbuscular mycorrhizae-mediated process. <i>Biology and Fertility of Soils</i> , 2011, 47, 721-727.	2.3	14

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91	Migration of Cu, Zn, Cd and As in epikarst water affected by acid mine drainage at a coalfield basin, Xingren, Southwest China. <i>Environmental Earth Sciences</i> , 2013, 69, 2623-2632.	1.3	14
92	Rare earth element geochemistry of waters and suspended particles in alkaline lakes using extraction and sequential chemical methods. <i>Geochemical Journal</i> , 2013, 47, 639-649.	0.5	14
93	Sources and key processes controlling particulate organic nitrogen in impounded riverâ€ reservoir systems on the Maotiao River, southwest China. <i>Inland Waters</i> , 2018, 8, 167-175.	1.1	14
94	Relationship between fluorescence characteristics and molecular weight distribution of natural dissolved organic matter in Lake Hongfeng and Lake Baihua, China. <i>Science Bulletin</i> , 2006, 51, 89-96.	1.7	13
95	Distribution and sequential extraction of some heavy metals in urban soils of Guiyang City, China. <i>Diqiu Huaxue</i> , 2008, 27, 401-406.	0.5	13
96	Diurnal variations of pCO <sub>2</sub> in relation to environmental factors in the cascade reservoirs along the Wujiang River, China. <i>Diqiu Huaxue</i> , 2012, 31, 41-47.	0.5	13
97	Dynamics of CO <sub>2</sub> in a karst catchment in the southwestern plateau, China. <i>Environmental Earth Sciences</i> , 2015, 73, 2415-2427.	1.3	13
98	Coupling of carbon and silicon geochemical cycles in rivers and lakes. <i>Scientific Reports</i> , 2016, 6, 35832.	1.6	13
99	Dual N and O isotopes of nitrate in natural plants: first insights into individual variability and organ-specific patterns. <i>Biogeochemistry</i> , 2013, 114, 399-411.	1.7	12
100	Sources and Processes Affecting Nitrate in a Dam-Controlled Subtropical River, Southwest China. <i>Aquatic Geochemistry</i> , 2014, 20, 483-500.	1.5	12
101	A Review on the Elemental and Isotopic Geochemistry of Gallium. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2021GB007033.	1.9	12
102	Geochemical study of boron isotopes in the process of loess weathering. <i>Science in China Series D: Earth Sciences</i> , 2003, 46, 106.	0.9	11
103	The bio-barite in witherite deposits from Southern Qinling and its significance *. <i>Progress in Natural Science: Materials International</i> , 2004, 14, 889-895.	1.8	11
104	Dissolved inorganic carbon and its isotopic differentiation in cascade reservoirs in the Wujiang drainage basin. <i>Science Bulletin</i> , 2008, 53, 3371-3378.	4.3	11
105	Variations in CaCO <sub>3</sub> content and Sr isotopic composition of loess and records of paleoclimatic fluctuations. <i>Science Bulletin</i> , 1999, 44, 1512-1516.	1.7	10
106	Strontium isotopic geochemistry of the Changjiang estuarine waters: Implications for water-sediment interaction. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 129-133.	0.9	10
107	Controls of interactions between iron hydroxide colloid and water on REE fractionations in surface waters: Experimental study on pH-controlling mechanism. <i>Science in China Series D: Earth Sciences</i> , 2002, 45, 449-458.	0.9	10
108	Degradation of organic matter in the sediments of Hongfeng Reservoir. <i>Science Bulletin</i> , 2005, 50, 2377-2380.	1.7	10

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109	Sulphur isotopic ratios in mosses indicating atmospheric sulphur sources in southern Chinese mountainous areas. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	10
110	Estimates of dry and wet deposition using tissue N contents and <sup>15</sup> N natural abundance in epilithic mosses in atmospheric NH <sub>3</sub> -dominated areas. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	10
111	Accumulation of trace elements in agricultural topsoil under different geological background. <i>Plant and Soil</i> , 2011, 349, 241-251.	1.8	10
112	Nitrogen and oxygen isotope effects of tissue nitrate associated with nitrate acquisition and utilisation in the moss <i>Hypnum plumaeforme</i> . <i>Functional Plant Biology</i> , 2012, 39, 598.	1.1	10
113	Dissolved organic carbon and its carbon isotope compositions in hill slope soils of the karst area of southwest China: Implications for carbon dynamics in limestone soil. <i>Geochemical Journal</i> , 2014, 48, 277-285.	0.5	9
114	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.	0.9	8
115	A preliminary study on the distribution characteristics of nutrients (N, P, Si, C) in the Wujiang River Basin. <i>Diqiu Huaxue</i> , 2005, 24, 352-360.	0.5	8
116	Stable carbon isotopic composition of soil organic matter in the karst areas of Southwest China. <i>Diqiu Huaxue</i> , 2008, 27, 171-177.	0.5	8
117	Composition and activity of external carbonic anhydrase of microalgae from karst lakes in China. <i>Phycological Research</i> , 2008, 56, 76-82.	0.8	8
118	Biosorption of trace metals from aqueous multimetal solutions by green microalgae. <i>Diqiu Huaxue</i> , 2013, 32, 385-391.	0.5	8
119	Adsorption of hexavalent chromium onto organic bentonite modified by the use of iron(III) chloride. <i>Water Science and Technology</i> , 2014, 70, 664-670.	1.2	8
120	Spatial variation of nitrogen cycling in a subtropical stratified impoundment in southwest China, elucidated by nitrous oxide isotopomer and nitrate isotopes. <i>Inland Waters</i> , 2018, 8, 186-195.	1.1	8
121	The influence of climate and topography on chemical weathering of granitic regoliths in the monsoon region of China. <i>Acta Geochimica</i> , 2018, 37, 758-768.	0.7	8
122	Ultraviolet absorbance titration for the determination of conditional stability constants of Hg(II) and dissolved organic matter. <i>Diqiu Huaxue</i> , 2008, 27, 46-52.	0.5	7
123	Zeolite and fungi flocculability of simulated wastewater containing heavy metal ions or phosphorus. <i>Diqiu Huaxue</i> , 2010, 29, 137-142.	0.5	7
124	Evaluation of the sealed-tube low-temperature combustion method for the <sup>13</sup> C/ <sup>12</sup> C and <sup>2</sup> H/ <sup>1</sup> H ratio determinations of cellulose nitrate. <i>Chinese Journal of Chemistry</i> , 2001, 19, 1089-1096.	2.6	7
125	Distributions of picophytoplankton and phytoplankton pigments along a salinity gradient in the Changjiang River Estuary, China. <i>Journal of Ocean University of China</i> , 2014, 13, 621-627.	0.6	7
126	Zinc Isotope Characteristics in the Biogeochemical Cycle as Revealed by Analysis of Suspended Particulate Matter (SPM) in Aha Lake and Hongfeng Lake, Guizhou, China. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 126-140.	1.1	7



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127	Elemental geochemistry and Nd isotopic characteristics of the metasedimentary rocks from the metamorphic belt in central Jiangxi: Provenance and tectonically environmental constraints. <i>Diqiu Huaxue</i> , 2005, 24, 37-50.	0.5	6
128	Temperature dependence of the first pressure derivative of the isothermal bulk modulus for solid materials at zero pressure: Application to MgO. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	6
129	Boron isotopic fractionation during incorporation of boron into Mg(OH) <sub>2</sub> . <i>Science Bulletin</i> , 2009, 54, 3090-3100.	1.7	6
130	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.	3.3	6
131	The long-term denudation rate of granitic regolith in Qinhuangdao, North China determined from the in situ depth profile of the cosmogenic nuclides <sup>26</sup> Al and <sup>10</sup> Be. <i>Science Bulletin</i> , 2014, 59, 4823-4828.	1.7	6
132	Microbial flocculant combined ferric trichloride facilitates floating aggregation of <i>Microcystis aeruginosa</i> for efficient removal. <i>Desalination and Water Treatment</i> , 2016, 57, 20483-20493.	1.0	6
133	Distribution of rare earth elements of granitic regolith under the influence of climate. <i>Acta Geochimica</i> , 2017, 36, 440-445.	0.7	6
134	Dynamics of soil organic carbon following land-use change: insights from stable C-isotope analysis in black soil of Northeast China. <i>Acta Geochimica</i> , 2018, 37, 746-757.	0.7	6
135	Redistribution of REEs during metamorphism and its indicative significance for fluid processes. <i>Science in China Series D: Earth Sciences</i> , 1999, 42, 646-654.	0.9	5
136	Late Neoproterozoic to early Cambrian sulphur cycle – An isotopic investigation of sedimentary rocks from the Yangtze Platform*. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 946-950.	1.8	5
137	Nonpoint Source Pollution Assessment of Wujiang River Watershed in Guizhou Province, SW China. <i>Environmental Modeling and Assessment</i> , 2008, 13, 155-167.	1.2	5
138	Influence of a reservoir chain on the transport of riverine inorganic carbon in the karst area. <i>Environmental Earth Sciences</i> , 2014, 72, 1465-1477.	1.3	5
139	Detection of tyrosine, trace metals and nutrients in cow dung: the environmental significance in soil and water environments. <i>Acta Geochimica</i> , 2018, 37, 632-638.	0.7	5
140	Do lamprophyric magma carry gold ?. <i>Science Bulletin</i> , 1999, 44, 2073-2076.	1.7	4
141	Rare-earth element geochemistry of eclogites from the ultra-high pressure metamorphic belt in central China. <i>Diqiu Huaxue</i> , 2000, 19, 35-44.	0.5	4
142	Isotopic compositions of strontium in river water of Guizhou karst areas, China. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 101-104.	0.9	4
143	Isotopic evolution of the terminal Neoproterozoic and early Cambrian carbon cycle on the northern Yangtze Platform, South China*. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 942-945.	1.8	4
144	Stable carbon isotopes in the shell of <i>Corbicula fluminea</i> (Müller 1774): Implications for understanding environmental changes in drainage basins. <i>Science Bulletin</i> , 2010, 55, 4162-4167.	1.7	4

#	ARTICLE	IF	CITATIONS
145	Seasonal variations in sulfur isotopic composition of dissolved SO <sub>4</sub> <sup>2-</sup> in the Aha Lake, Guiyang and their implications. <i>Diqiu Huaxue</i> , 2011, 30, 444-452.	0.5	4
146	First Estimates of Hydrothermal Helium Fluxes in Continental Collision Settings: Insights From the Southeast Tibetan Plateau Margin. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	4
147	A fast method to prepare water samples for <sup>15</sup> N analysis. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 105-107.	0.9	3
148	Carbon, oxygen and boron isotopic studies of Huangbai-shuwan witherite deposit at Ziyang and Wenyuhe witherite deposit at Zhushan. <i>Science in China Series D: Earth Sciences</i> , 2003, 46, 1273-1291.	0.9	3
149	Situation of sewage input reflected by nitrogen isotopic composition in a sediment core of Hongfeng Lake. <i>Science Bulletin</i> , 2006, 51, 971-976.	1.7	3
150	Sulfuric acid as a weathering agent of carbonate weathering constrained by <sup>13</sup> C: Examples from Southwest China. <i>Diqiu Huaxue</i> , 2006, 25, 270-271.	0.5	3
151	The role of sulfur cycling in carbonate weathering: Isotope geochemistry of sulfur in the Wujiang River catchment, Southwest China. <i>Diqiu Huaxue</i> , 2006, 25, 278-278.	0.5	3
152	Characteristics and driving factors of surface water chemistry of Wujiang watershed. <i>Environmental Earth Sciences</i> , 2011, 64, 1445-1453.	1.3	3
153	Biominalization of Se nanoshpere by <i>Bacillus licheniformis</i> . <i>Journal of Earth Science (Wuhan)</i> , 2014, 27, 1074-1078.	1.1	3
154	Hydrogeochemistry and <sup>13</sup> C <sub>DIC</sub> and <sup>18</sup> O <sub>H<sub>2</sub>O</sub> composition of three Chinese Tibetan Plateau lakes. <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 89-105.	0.5	3
155	Natural <sup>13</sup> C and <sup>15</sup> N abundance of moss-substrate systems on limestones and sandstones in a karst area of subtropical China. <i>Catena</i> , 2019, 180, 8-15.	2.2	3
156	A Non-steady State Model Based on Dual Nitrogen and Oxygen Isotopes to Constrain Moss Nitrate Uptake and Reduction. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005498.	1.3	3
157	Location prediction of blind ore-bodies in Shuijingtun Gold Mine, Zhangjiakou, China. <i>Central South University</i> , 2000, 7, 124-128.	0.5	2
158	Distributions of dissolved rare earth elements during estuarine mixing at the Changjiang River mouth. <i>Science Bulletin</i> , 2000, 45, 1795-1799.	1.7	2
159	Mineralogy, geochemistry and release of heavy metals in wastes from indigenous zinc smelting in Northwest Guizhou. <i>Diqiu Huaxue</i> , 2006, 25, 42-42.	0.5	2
160	Boron isotopic geochemistry of karst groundwater in Guiyang City, China. <i>Diqiu Huaxue</i> , 2006, 25, 172-172.	0.5	2
161	Simulation of surface runoff in the Wujiang River watershed based on GIS. <i>Diqiu Huaxue</i> , 2007, 26, 284-289.	0.5	2
162	REE geochemistry of the Zhoutan Group metasedimentary rocks in central Jiangxi Province, Southeast China. <i>Diqiu Huaxue</i> , 2009, 28, 154-162.	0.5	2

#	ARTICLE	IF	CITATIONS
163	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.	1.3	2
164	Behavior of rare earth elements in granitic profiles, eastern Tibetan Plateau, China. <i>Acta Geochimica</i> , 2017, 36, 552-555.	0.7	2
165	Arsenic and antimony contamination in the vicinity of Yata gold mine, Guizhou, China. <i>Diqiu Huaxue</i> , 2006, 25, 35-36.	0.5	1
166	PCBs and OCPs in sediments from Hongfeng Reservoir in Guizhou Province, China. <i>Diqiu Huaxue</i> , 2006, 25, 69-70.	0.5	1
167	Equilibrium sorption of phenanthrene and naphthalene on soil particulate organic matter. <i>Diqiu Huaxue</i> , 2006, 25, 106-106.	0.5	1
168	Non-point source pollution of Wujiang River watershed in Guizhou Province, SW China. <i>Diqiu Huaxue</i> , 2006, 25, 141-142.	0.5	1
169	Effect of <i>Aspergillus niger</i> on weathering of phosphorite rock. <i>Diqiu Huaxue</i> , 2006, 25, 171-172.	0.5	1
170	Stable isotopes (S, Cl) and hydrochemical variations in a karstic ground water system, Guiyang, SW China. <i>Diqiu Huaxue</i> , 2006, 25, 173-173.	0.5	1
171	Carbon and nitrogen isotope records in sediments of Lake Taihu, China, and their paleoenvironmental significance. <i>Diqiu Huaxue</i> , 2006, 25, 271-272.	0.5	1
172	Response of biomass accumulation and nodulation by <i>Vicia villosa</i> to soil conditions: Evidence from $\delta^{13}C$ and $\delta^{15}N$ isotopes. <i>Diqiu Huaxue</i> , 2012, 31, 111-119.	0.5	1
173	Boron isotope geochemistry of Zigetang Co saline lake sediments, Tibetan Plateau. <i>Acta Geochimica</i> , 2017, 36, 437-439.	0.7	1
174	Study of metallogenic fluid sources of five gold deposits in Zhangjiakou, China. <i>Diqiu Huaxue</i> , 2001, 20, 161-166.	0.5	0
175	Biogeochemical cycling of nutrients in karstic catchments, southwestern China: Linkages to changes of eco-environments. <i>Diqiu Huaxue</i> , 2006, 25, 1-1.	0.5	0
176	Sediment geochemical records of recent accelerated eutrophication in Wuli Bay of Taihu Lake, China. <i>Diqiu Huaxue</i> , 2006, 25, 12-12.	0.5	0
177	How the Asian Clam ( <i>Corbicula fluminea</i> , MÅller, 1774) adapts to environment change: Isotopic evidence. <i>Diqiu Huaxue</i> , 2006, 25, 17-18.	0.5	0
178	Effect of transition metals on the growth and activity of external carbonic anhydrase of two green algae. <i>Diqiu Huaxue</i> , 2006, 25, 145-145.	0.5	0
179	REE geochemistry of Chaohu and Longgan lakes, eastern China. <i>Diqiu Huaxue</i> , 2006, 25, 150-150.	0.5	0
180	Early diagenesis of nutrients (C, N, P and Si) stored in sediments of two reservoirs in southwestern China. <i>Diqiu Huaxue</i> , 2006, 25, 161-162.	0.5	0

#	ARTICLE	IF	CITATIONS
181	Responses of differences in iron and manganese partitioning patterns within and among organs on legume biomass in limestone and sandstone areas. <i>Diqiu Huaxue</i> , 2006, 25, 169-170.	0.5	0
182	Aqueous geochemistry of rare-earth elements in karst lakes, southwestern China. <i>Diqiu Huaxue</i> , 2006, 25, 171-171.	0.5	0
183	Using the dual isotopes approach to identify the nitrate sources of karst groundwater, Guiyang, Southwest China. <i>Diqiu Huaxue</i> , 2006, 25, 173-174.	0.5	0
184	The effect of acid deposition on base cation cycling in a karstic-forested catchment: Evidence from strontium isotopes. <i>Diqiu Huaxue</i> , 2006, 25, 174-174.	0.5	0
185	Degradation of potassium-bearing minerals by thermophilic <i>Aspergillus fumigatus</i> and its optimal conditions. <i>Diqiu Huaxue</i> , 2006, 25, 175-175.	0.5	0
186	Characterization of polycyclic aromatic hydrocarbons (PAHs) in aerosols around Guiyang City, China. <i>Diqiu Huaxue</i> , 2006, 25, 181-181.	0.5	0
187	Effect of mini-greenhouse on the transportation of heavy metals. <i>Diqiu Huaxue</i> , 2006, 25, 212-212.	0.5	0
188	Water chemical behavior at Yangtze (Changjiang) River estuary. <i>Diqiu Huaxue</i> , 2006, 25, 269-270.	0.5	0
189	Water geochemistry and boron isotope in the Xijiang River, SW China. <i>Diqiu Huaxue</i> , 2006, 25, 271-271.	0.5	0
190	Environmental geochemistry of calcium isotopes: Applications of a new stable isotope approach. <i>Diqiu Huaxue</i> , 2006, 25, 184-194.	0.5	0
191	Differences in uptake and distribution patterns between zinc and cadmium in <i>Vicia villosa</i> . <i>Diqiu Huaxue</i> , 2010, 29, 416-421.	0.5	0
192	Oxygen isotope and REE geochemistry of metamorphic veins within the Zhoutan Group, central Jiangxi Province. <i>Diqiu Huaxue</i> , 2011, 30, 422-429.	0.5	0
193	Soil organic carbon dynamics study bias deduced from isotopic fractionation in corn plant. <i>Acta Geochimica</i> , 2017, 36, 535-538.	0.7	0