

Hu Ding

List of Publications by Year in descending order

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31
papers

1,008
citations

430874

18
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

896
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemistry of dissolved inorganic carbon and carbonate weathering in a small typical karstic catchment of Southwest China: Isotopic and chemical constraints. <i>Chemical Geology</i> , 2010, 277, 301-309.	3.3	129
2	Analysis of $\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ to identify nitrate sources and transformations in Songhua River, Northeast China. <i>Journal of Hydrology</i> , 2014, 519, 329-339.	5.4	94
3	Behavior of lithium isotopes in the Changjiang River system: Sources effects and response to weathering and erosion. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 151, 117-132.	3.9	85
4	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.	2.6	72
5	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.	3.3	69
6	Climate Variability Controls on 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.	3.0	58
7	Evaluation of nitrate source in surface water of southwestern China based on stable isotopes. <i>Environmental Earth Sciences</i> , 2013, 68, 219-228.	2.7	57
8	Atmospheric lead in urban Guiyang, Southwest China: Isotopic source signatures. <i>Atmospheric Environment</i> , 2015, 115, 163-169.	4.1	50
9	Geochemistry and solute sources of surface waters of the Tarim River Basin in the extreme arid region, NW Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2012, 54-55, 162-173.	2.3	46
10	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.	8.0	38
11	Chemical weathering under mid- to cool temperate and monsoon-controlled climate: A study on water geochemistry of the Songhuajiang River system, northeast China. <i>Applied Geochemistry</i> , 2013, 31, 265-278.	3.0	35
12	The O and H isotope characteristics of water from major rivers in China. <i>Diqiu Huaxue</i> , 2015, 34, 28-37.	0.5	34
13	Spatiotemporal variations of dissolved inorganic carbon and controlling factors in a small karstic catchment, Southwestern China. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2423-2436.	2.5	30
14	Coupled controls of climate, lithology and land use on dissolved trace elements in a karst river system. <i>Journal of Hydrology</i> , 2020, 591, 125328.	5.4	30
15	Temporal transport of major and trace elements in the upper reaches of the Xijiang River, SW China. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	26
16	Geochemistry of the dissolved loads of the Liao River basin in northeast China under anthropogenic pressure: Chemical weathering and controlling factors. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 657-671.	2.3	22
17	Chemical characteristics and $\delta^{34}\text{S}$ of SO_4^{2-} of acid rain: Anthropogenic sulfate deposition and its impacts on CO_2 consumption in the rural karst area of southwest China. <i>Geochemical Journal</i> , 2013, 47, 625-638.	1.0	20
18	Impacts of hydrologic variations on chemical weathering and solute sources in the Min River basin, Himalayan-Tibetan region. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19126-19137.	5.3	19

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19	Interannual and Seasonal Vegetation Changes and Influencing Factors in the Extra-High Mountainous Areas of Southern Tibet. <i>Remote Sensing</i> , 2019, 11, 1392.	4.0	14
20	Hydrological regulation of chemical weathering and dissolved inorganic carbon biogeochemical processes in a monsoonal river. <i>Hydrological Processes</i> , 2020, 34, 2780-2792.	2.6	14
21	Insight into the mechanisms of denitrification and sulfate reduction coexistence in cascade reservoirs of the Jialing River: Evidence from a multi-isotope approach. <i>Science of the Total Environment</i> , 2020, 749, 141682.	8.0	12
22	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.	1.0	9
23	Mechanisms controlling dissolved CO ₂ over-saturation in the Three Gorges Reservoir area. <i>Inland Waters</i> , 2018, 8, 148-156.	2.2	9
24	Hydrogeochemical Dynamics and Response of Karst Catchment to Rainstorms in a Critical Zone Observatory (CZO), Southwest China. <i>Frontiers in Water</i> , 2020, 2, .	2.3	7
25	The long-term denudation rate of granitic regolith in Qinhuangdao, North China determined from the in situ depth profile of the cosmogenic nuclides ²⁶ Al and ¹⁰ Be. <i>Science Bulletin</i> , 2014, 59, 4823-4828.	1.7	6
26	Carbon and nitrogen isotope constraints on source and variation of particulate organic matter in high-latitude agricultural rivers, Northeast China. <i>Journal of Cleaner Production</i> , 2021, 321, 128974.	9.3	5
27	Enhanced Oxidation of SO ₂ by H ₂ O ₂ During Haze Events: Constraints From Sulfur Isotopes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	5
28	Variations of trace elements under hydrological conditions in the Min River, Eastern Tibetan Plateau. <i>Acta Geochimica</i> , 2018, 37, 509-518.	1.7	4
29	Climatic Variabilities Control the Solute Dynamics of Monsoon Karstic River: Approaches from C-Q Relationship, Isotopes, and Model Analysis in the Liujiang River. <i>Water (Switzerland)</i> , 2020, 12, 862.	2.7	4
30	The impact of land use and land cover changes on solute dynamics in seepage water of soil from karst hillslopes of Southwest China. <i>Applied Geochemistry</i> , 2011, 26, S183-S186.	3.0	3
31	Behavior of rare earth elements in granitic profiles, eastern Tibetan Plateau, China. <i>Acta Geochimica</i> , 2017, 36, 552-555.	1.7	2