

# Lingling Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,271  
citations

430874

18  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Multi-collector ICP-MS for Studying Biogeochemical Metal Cycling. , 2019, , 93-118.		1
2	Humic acid-enhanced illite and talc formation associated with microbial reduction of Fe(III) in nontronite. Chemical Geology, 2016, 447, 199-207.	3.3	32
3	Biological reduction of structural Fe(III) in smectites by a marine bacterium at 0.1 and 20 MPa. Chemical Geology, 2016, 438, 1-10.	3.3	19
4	Iron Isotope Fractionations Reveal a Finite Bioavailable Fe Pool for Structural Fe(III) Reduction in Nontronite. Environmental Science & Technology, 2016, 50, 8661-8669.	10.0	31
5	Iron isotope fractionation in sediments of an oligotrophic freshwater lake. Earth and Planetary Science Letters, 2015, 423, 164-172.	4.4	23
6	Atom Exchange between Aqueous Fe(II) and Structural Fe in Clay Minerals. Environmental Science & Technology, 2015, 49, 2786-2795.	10.0	46
7	Iron Isotope Characteristics of Hot Springs at Chocolate Pots, Yellowstone National Park. Astrobiology, 2013, 13, 1091-1101.	3.0	36
8	Stable iron isotope fractionation between aqueous Fe(II) and model Archean ocean Fe-Si coprecipitates and implications for iron isotope variations in the ancient rock record. Geochimica Et Cosmochimica Acta, 2012, 84, 14-28.	3.9	68
9	Experimental determination of iron isotope fractionations among $\text{Fe}^{2+}$ and $\text{Fe}^{3+}$ at low temperatures: Implications for the rock record. Geochimica Et Cosmochimica Acta, 2012, 89, 46-61.	3.9	51
10	Stable Iron Isotope Fractionation Between Aqueous Fe(II) and Hydrous Ferric Oxide. Environmental Science & Technology, 2011, 45, 1847-1852.	10.0	125
11	Seasonal contributions of catchment weathering and eolian dust to river water chemistry, northeastern Tibetan Plateau: Chemical and Sr isotopic constraints. Journal of Geophysical Research, 2011, 116, .	3.3	47
12	Stable Fe isotope fractionations produced by aqueous Fe(II)-hematite surface interactions. Geochimica Et Cosmochimica Acta, 2010, 74, 4249-4265.	3.9	55
13	Iron isotope fractionation between aqueous ferrous iron and goethite. Earth and Planetary Science Letters, 2010, 295, 241-250.	4.4	175
14	Microbial dissolution of calcite at T=28°C and ambient pCO <sub>2</sub> . Geochimica Et Cosmochimica Acta, 2009, 73, 2314-2331.	3.9	29
15	Influence of pH and dissolved Si on Fe isotope fractionation during dissimilatory microbial reduction of hematite. Geochimica Et Cosmochimica Acta, 2009, 73, 5584-5599.	3.9	54
16	Kinetics of Global Geochemical Cycles. , 2008, , 655-736.		9
17	Characterization of elemental release during microbe-granite interactions at T=28°C. Geochimica Et Cosmochimica Acta, 2008, 72, 1076-1095.	3.9	77
18	Characterization of elemental release during microbe-basalt interactions at T=28°C. Geochimica Et Cosmochimica Acta, 2007, 71, 2224-2239.	3.9	83

#	ARTICLE	IF	CITATIONS
19	CO <sub>2</sub> and H <sub>2</sub> SO <sub>4</sub> consumption in weathering and material transport to the ocean, and their role in the global carbon balance. <i>Marine Chemistry</i> , 2007, 106, 326-350.	2.3	149
20	Dissolved reactive phosphorus in large rivers of East Asia. <i>Biogeochemistry</i> , 2007, 85, 263-288.	3.5	10
21	Chemical weathering in the Upper Huang He (Yellow River) draining the eastern Qinghai-Tibet Plateau. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 5279-5294.	3.9	151