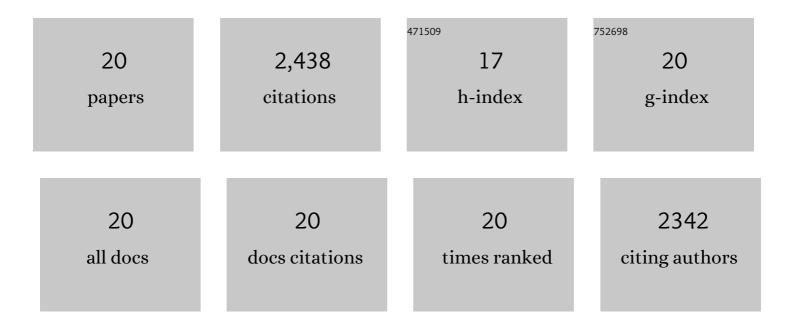
Weifu Guo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Porites Calcifying Fluid pH on Seasonal to Diurnal Scales. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016889.	2.6	5
2	Calibration of the dual clumped isotope thermometer for carbonates. Geochimica Et Cosmochimica Acta, 2021, 312, 235-256.	3.9	33
3	Kinetic clumped isotope fractionation in the DIC-H2O-CO2 system: Patterns, controls, and implications. Geochimica Et Cosmochimica Acta, 2020, 268, 230-257.	3.9	58
4	Dual clumped isotope thermometry resolves kinetic biases in carbonate formation temperatures. Nature Communications, 2020, 11, 4005.	12.8	70
5	Ocean Acidification Has Impacted Coral Growth on the Great Barrier Reef. Geophysical Research Letters, 2020, 47, e2019GL086761.	4.0	19
6	Patterns and controls of disequilibrium isotope effects in speleothems: Insights from an isotope-enabled diffusion-reaction model and implications for quantitative thermometry. Geochimica Et Cosmochimica Acta, 2019, 267, 196-226.	3.9	45
7	Seawater temperature and buffering capacity modulate coral calcifying pH. Scientific Reports, 2019, 9, 1189.	3.3	17
8	Triple oxygen isotope fractionation in the DIC-H2O-CO2 system: A numerical framework and its implications. Geochimica Et Cosmochimica Acta, 2019, 246, 541-564.	3.9	36
9	Ocean acidification affects coral growth by reducing skeletal density. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1754-1759.	7.1	156
10	Clumped isotope composition of cold-water corals: A role for vital effects?. Geochimica Et Cosmochimica Acta, 2016, 179, 123-141.	3.9	66
11	Fluid mixing and the deep biosphere of a fossil Lost City-type hydrothermal system at the Iberia Margin. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12036-12041.	7.1	89
12	Frontiers of stable isotope geoscience. Chemical Geology, 2014, 372, 119-143.	3.3	99
13	13C18O clumping in speleothems: Observations from natural caves and precipitation experiments. Geochimica Et Cosmochimica Acta, 2011, 75, 3303-3317.	3.9	158
14	Stable Isotope Cosmochemistry and the Evolution of Planetary Systems. Elements, 2011, 7, 23-28.	0.5	8
15	Multiple sulfur isotope analysis of volatile organic sulfur compounds and their sulfonium precursors in coastal marine environments. Marine Chemistry, 2011, 124, 78-89.	2.3	32
16	Large and unexpected enrichment in stratospheric ¹⁶ O ¹³ C ¹⁸ O and its meridional variation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11496-11501.	7.1	37
17	Methods and limitations of â€~clumped' CO ₂ isotope (Δ ₄₇) analysis by gasâ€sourc isotope ratio mass spectrometry. Journal of Mass Spectrometry, 2009, 44, 1318-1329.	e 1.6	371
18	Isotopic fractionations associated with phosphoric acid digestion of carbonate minerals: Insights from first-principles theoretical modeling and clumped isotope measurements. Geochimica Et Cosmochimica Acta, 2009, 73, 7203-7225.	3.9	224

#	Article	IF	CITATIONS
19	Temperatures of aqueous alteration and evidence for methane generation on the parent bodies of the CM chondrites. Geochimica Et Cosmochimica Acta, 2007, 71, 5565-5575.	3.9	208
20	13C–18O bonds in carbonate minerals: A new kind of paleothermometer. Geochimica Et Cosmochimica Acta, 2006, 70, 1439-1456.	3.9	707