

Reverse weathering as a long-term stabilizer of marine

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Weathering in a world without terrestrial life recorded in the Mesoproterozoic Velkerri Formation. <i>Nature Communications</i> , 2019, 10, 3448.	12.8	29
2	Germanium/silica ratio and rare earth element composition of silica-filling in sheet cracks of the Doushantuo cap carbonates, South China: Constraining hydrothermal activity during the Marinoan snowball Earth glaciation. <i>Precambrian Research</i> , 2019, 332, 105407.	2.7	12
3	The geologic history of seawater oxygen isotopes from marine iron oxides. <i>Science</i> , 2019, 365, 469-473.	12.6	81
4	The Goldilocks Planet? How Silicate Weathering Maintains Earth "Just Right". <i>Elements</i> , 2019, 15, 235-240.	0.5	33
5	Snowball Earth at low solar luminosity prevented by the ocean-atmosphere coupling. <i>Acta Geochimica</i> , 2019, 38, 775-784.	1.7	2
6	Lake sedimentary biogenic silica from diatoms constitutes a significant global sink for aluminium. <i>Nature Communications</i> , 2019, 10, 4829.	12.8	17
7	A Framework for Understanding Whole-Earth Carbon Cycling. , 2019, , 313-357.		30
8	Carbonation and decarbonation reactions: Implications for planetary habitability. <i>American Mineralogist</i> , 2019, 104, 1369-1380.	1.9	30
9	Hydrogeological constraints on the formation of Palaeoproterozoic banded iron formations. <i>Nature Geoscience</i> , 2019, 12, 558-563.	12.9	49
10	Microbially induced potassium enrichment in Paleoproterozoic shales and implications for reverse weathering on early Earth. <i>Nature Communications</i> , 2019, 10, 2670.	12.8	17
11	Effects of pH on redox proxies in a Jurassic rift lake: Implications for interpreting environmental records in deep time. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 252, 240-267.	3.9	29
12	Limited oxygen production in the Mesoarchean ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6647-6652.	7.1	42
13	Claypool continued: Extending the isotopic record of sedimentary sulfate. <i>Chemical Geology</i> , 2019, 513, 200-225.	3.3	102
14	Constraining silicon isotope exchange kinetics and fractionation between aqueous and amorphous Si at room temperature. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 253, 267-289.	3.9	14
15	Precambrian Si isotope mass balance, weathering, and the significance of the authigenic clay silica sink. <i>Sedimentary Geology</i> , 2019, 384, 1-11.	2.1	37
16	Mechanistic Links Between the Sedimentary Redox Cycle and Marine Acid-Base Chemistry. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5968-5978.	2.5	3
17	When Did Life Likely Emerge on Earth in an RNA-First Process?. <i>ChemSystemsChem</i> , 2020, 2, e1900035.	2.6	71
18	¹⁰ Be/ ⁹ Be Ratios Reveal Marine Authigenic Clay Formation. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086061.	4.0	14

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19	Evolution of the Global Carbon Cycle and Climate Regulation on Earth. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2018GB006061.	4.9	78
20	Probable Cold and Alkaline Surface Environment of the Hadean Earth Caused by Impact Ejecta Weathering. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008734.	2.5	37
21	Unraveling the Mineralogical Complexity of Sediment Iron Speciation Using Sequential Extractions. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008666.	2.5	34
22	Experimental constraints on Mg isotope fractionation during clay formation: Implications for the global biogeochemical cycle of Mg. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115980.	4.4	43
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26	Carbon isotope evidence for large methane emissions to the Proterozoic atmosphere. <i>Scientific Reports</i> , 2020, 10, 18186.	3.3	21
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28	The Impact of Life on Climate Stabilization Over Different Timescales. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009105.	2.5	10
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35	Large Mass-Independent Oxygen Isotope Fractionations in Mid-Proterozoic Sediments: Evidence for a Low-Oxygen Atmosphere?. <i>Astrobiology</i> , 2020, 20, 628-636.	3.0	18
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37	Intensified chemical weathering during Early Triassic revealed by magnesium isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 263-276.	3.9	19
38	Is the Faint Young Sun Problem for Earth Solved?. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	30
39	The average Phanerozoic CO ₂ degassing flux estimated from the O-isotopic composition of seawater. <i>Earth and Planetary Science Letters</i> , 2020, 536, 116151.	4.4	4
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