Anthony Chappaz

List of Publications by Year
in descending order

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26 papers	1,258 citations	471509 17 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1178 citing authors

#	Article	IF	Citations
1	Trace Element Content of Sedimentary Pyrite in Black Shales. Economic Geology, 2015, 110, 1389-1410.	3.8	307
2	Does pyrite act as an important host for molybdenum in modern and ancient euxinic sediments?. Geochimica Et Cosmochimica Acta, 2014, 126, 112-122.	3.9	143
3	Molybdenum reduction in a sulfidic lake: Evidence from X-ray absorption fine-structure spectroscopy and implications for the Mo paleoproxy. Geochimica Et Cosmochimica Acta, 2013, 103, 213-231.	3.9	120
4	Geochemical and anthropogenic enrichments of Mo in sediments from perennially oxic and seasonally anoxic lakes in Eastern Canada. Geochimica Et Cosmochimica Acta, 2008, 72, 170-184.	3.9	84
5	Evidence of molybdenum association with particulate organic matter under sulfidic conditions. Geobiology, 2017, 15, 311-323.	2.4	77
6	Molybdenum speciation and burial pathway in weakly sulfidic environments: Insights from XAFS. Geochimica Et Cosmochimica Acta, 2017, 206, 18-29.	3.9	68
7	Effect of thermal maturity on remobilization of molybdenum in black shales. Earth and Planetary Science Letters, 2016, 449, 311-320.	4.4	62
8	Controls on uranium distribution in lake sediments. Geochimica Et Cosmochimica Acta, 2010, 74, 203-214.	3.9	51
9	Molybdenum Burial Mechanism in Sulfidic Sediments: Iron-Sulfide Pathway. ACS Earth and Space Chemistry, 2018, 2, 565-576.	2.7	50
10	Biogeochemical controls on the speciation and aquatic toxicity of vanadium and other metals in sediments from a river reservoir. Science of the Total Environment, 2018, 612, 313-320.	8.0	36
11	Molybdenum geochemistry in a seasonally dysoxic Mo-limited lacustrine ecosystem. Geochimica Et Cosmochimica Acta, 2013, 114, 204-219.	3.9	35
12	Isotopic Fingerprints of Anthropogenic Molybdenum in Lake Sediments. Environmental Science & Technology, 2012, 46, 10934-10940.	10.0	34
13	Sequestration mechanisms and anthropogenic inputs of rhenium in sediments from Eastern Canada lakes. Geochimica Et Cosmochimica Acta, 2008, 72, 6027-6036.	3.9	33
14	Molybdenum speciation as a paleo-redox proxy: A case study from Late Cretaceous Western Interior Seaway black shales. Geology, 2019, 47, 59-62.	4.4	28
15	A new analytical approach to determining Mo and Re speciation in sulfidic waters. Chemical Geology, 2015, 403, 52-57.	3.3	27
16	Iron limitation in the Western Interior Seaway during the Late Cretaceous OAE 3 and its role in phosphorus recycling and enhanced organic matter preservation. Earth and Planetary Science Letters, 2016, 449, 135-144.	4.4	24
17	Molybdenum speciation tracking hydrocarbon migration in fine-grained sedimentary rocks. Geochimica Et Cosmochimica Acta, 2020, 283, 136-148.	3.9	18
18	Assessing oxygen depletion in the Northeastern Pacific Ocean during the last deglaciation using I/Ca ratios from multiple benthic foraminiferal species. Paleoceanography, 2017, 32, 746-762.	3.0	15

#	Article	IF	Citations
19	Molybdenum-uranium-vanadium geochemistry in the lower Paleozoic Alum Shale of Scandinavia: Implications for vanadium exploration. International Journal of Coal Geology, 2021, 239, 103730.	5.0	13
20	Redox Chemistry and Molybdenum Burial in a Mesoproterozoic Lake. Geophysical Research Letters, 2019, 46, 5871-5878.	4.0	11
21	Quantifying Molybdenum Isotopic Speciation in Sulfidic Water: Implications for the Paleoredox Proxy. ACS Earth and Space Chemistry, 2021, 5, 2891-2899.	2.7	7
22	Assessing controls on organic matter enrichments in hemipelagic marls of the Aptian-Lower Albian Blue Marls of the Vocontian Basin (France): an unexpected variability observed from multiple â€œorganic-richâ€•levels. Bulletin - Societie Geologique De France, 2022, 193, 2.	2.2	5
23	Evidence for the onset of mining activities during the 13th century in Poland using lead isotopes from lake sediment cores. Science of the Total Environment, 2019, 683, 589-599.	8.0	4
24	Turbiditeâ€•induced reâ€•oxygenation episodes of the sedimentâ€•water interface in a diverticulum of the Tethys Ocean during the Oceanic Anoxic Event 1a: The French Vocontian Basin. Depositional Record, 2020, 6, 352-382.	1.7	4
25	Molybdenum. Encyclopedia of Earth Sciences Series, 2016, , 1-4.	0.1	1
26	Molybdenum. Encyclopedia of Earth Sciences Series, 2018, , 947-950.	0.1	1