

# Mathieu Dellinger

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,060  
citations

567144

15  
h-index

642610

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1001  
citing authors

#	ARTICLE	IF	CITATIONS
1	Riverine Li isotope fractionation in the Amazon River basin controlled by the weathering regimes. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 71-93.	1.6	192
2	Erosion of organic carbon in the Arctic as a geological carbon dioxide sink. <i>Nature</i> , 2015, 524, 84-87.	13.7	141
3	Lithium isotopes in large rivers reveal the cannibalistic nature of modern continental weathering and erosion. <i>Earth and Planetary Science Letters</i> , 2014, 401, 359-372.	1.8	137
4	Influence of atmospheric deposits and secondary minerals on Li isotopes budget in a highly weathered catchment, Guadeloupe (Lesser Antilles). <i>Chemical Geology</i> , 2015, 414, 28-41.	1.4	85
5	Tracing weathering regimes using the lithium isotope composition of detrital sediments. <i>Geology</i> , 2017, 45, 411-414.	2.0	70
6	A lithium-isotope perspective on the evolution of carbon and silicon cycles. <i>Nature</i> , 2021, 595, 394-398.	13.7	56
7	The Li isotope composition of marine biogenic carbonates: Patterns and mechanisms. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 236, 315-335.	1.6	54
8	Carbon dioxide emissions by rock organic carbon oxidation and the net geochemical carbon budget of the Mackenzie River Basin. <i>Numerische Mathematik</i> , 2019, 319, 473-499.	0.7	45
9	The effects of diagenesis on lithium isotope ratios of shallow marine carbonates. <i>Numerische Mathematik</i> , 2020, 320, 150-184.	0.7	37
10	The Influence of Hydrothermal Activity on the Li Isotopic Signature of Rivers Draining Volcanic Areas. <i>Procedia Earth and Planetary Science</i> , 2014, 10, 223-230.	0.6	35
11	Riverine dissolved lithium isotopic signatures in low-relief central Africa and their link to weathering regimes. <i>Geophysical Research Letters</i> , 2016, 43, 4391-4399.	1.5	35
12	Temperature control on CO <sub>2</sub> emissions from the weathering of sedimentary rocks. <i>Nature Geoscience</i> , 2021, 14, 665-671.	5.4	31
13	Preservation of organic carbon during active fluvial transport and particle abrasion. <i>Geology</i> , 2019, 47, 958-962.	2.0	25
14	Hydrological control of river and seawater lithium isotopes. <i>Nature Communications</i> , 2022, 13, .	5.8	22
15	Technical note: In situ measurement of flux and isotopic composition of CO <sub>2</sub> released during oxidative weathering of sedimentary rocks. <i>Biogeosciences</i> , 2018, 15, 4087-4102.	1.3	18
16	Measurements of rhenium isotopic composition in low-abundance samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 377-387.	1.6	13
17	Concentration-Discharge Relationships of Dissolved Rhenium in Alpine Catchments Reveal Its Use as a Tracer of Oxidative Weathering. <i>Water Resources Research</i> , 2021, 57, e2021WR029844.	1.7	13
18	The influence of black shale weathering on riverine barium isotopes. <i>Chemical Geology</i> , 2022, 594, 120741.	1.4	12

#	ARTICLE	IF	CITATIONS
19	Conservative transport of dissolved sulfate across the Rio Madre de Dios floodplain in Peru. <i>Geology</i> , 2021, 49, 1064-1068.	2.0	9
20	Fractionation of rhenium isotopes in the Mackenzie River basin during oxidative weathering. <i>Earth and Planetary Science Letters</i> , 2021, 573, 117131.	1.8	9
21	Constraints on the source of reactive phases in sediment from a major Arctic river using neodymium isotopes. <i>Earth and Planetary Science Letters</i> , 2021, 565, 116933.	1.8	8
22	Testing the Steady State Assumption for the Earth's Surface Denudation Using Li Isotopes in the Amazon Basin. <i>Procedia Earth and Planetary Science</i> , 2015, 13, 162-168.	0.6	7
23	Tracing the Impact of Coastal Water Geochemistry on the Reâ€™Os Systematics of Macroalgae: Insights From the Basaltic Terrain of Iceland. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2018, 123, 2791-2806.	1.3	6