

Daniel B Nelson

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

349
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Contrasting Common Era climate and hydrology sensitivities from paired lake sediment dinosterol hydrogen isotope records in the South Pacific Convergence Zone. <i>Quaternary Science Reviews</i> , 2022, 281, 107421.	3.0	4
2	Precipitation isotope time series predictions from machine learning applied in Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	31
3	Metabolic exchange between pathways for isoprenoid synthesis and implications for biosynthetic hydrogen isotope fractionation. <i>New Phytologist</i> , 2021, 231, 1708-1719.	7.3	10
4	Reconstructing precipitation in the tropical South Pacific from dinosterol 2H/1H ratios in lake sediment. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 245, 190-206.	3.9	14
5	Lake sediment records of Holocene hydroclimate and impacts of the Mount Mazama eruption, north-central Washington, USA. <i>Quaternary Science Reviews</i> , 2019, 204, 17-36.	3.0	11
6	Rapid atmospheric transport and large-scale deposition of recently synthesized plant waxes. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 222, 599-617.	3.9	36
7	Lipid compound classes display diverging hydrogen isotope responses in lakes along a nutrient gradient. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 237, 103-119.	3.9	18
8	Sources and abundances of leaf waxes in aerosols in central Europe. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 198, 299-314.	3.9	24
9	Galápagos hydroclimate of the Common Era from paired microalgal and mangrove biomarker ² H/ ¹ H values. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3476-3481.	7.1	36
10	The influence of salinity on D/H fractionation in alkenones from saline and hypersaline lakes in continental North America. <i>Organic Geochemistry</i> , 2014, 66, 38-47.	1.8	21
11	The influence of salinity on D/H fractionation in dinosterol and brassicasterol from globally distributed saline and hypersaline lakes. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 133, 325-339.	3.9	30
12	Limnological Characterization of Volcanic Crater Lakes on Uvea Island (Wallis and Futuna, South) <small>Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50</small>	0.6	12
13	Concurrent purification of sterols, triterpenols and alkenones from sediments for hydrogen isotope analysis using high performance liquid chromatography. <i>Organic Geochemistry</i> , 2013, 64, 19-28.	1.8	15
14	Isotopic and hydrologic responses of small, closed lakes to climate variability: Comparison of measured and modeled lake level and sediment core oxygen isotope records. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 105, 455-471.	3.9	25
15	Drought variability in the Pacific Northwest from a 6,000-yr lake sediment record. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3870-3875.	7.1	62