

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