

K L DeLong

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,311
citations

471509

17
h-index

361022

35
g-index

41
all docs

41
docs citations

41
times ranked

2100
citing authors

#	ARTICLE	IF	CITATIONS
1	A global multiproxy database for temperature reconstructions of the Common Era. <i>Scientific Data</i> , 2017, 4, 170088.	5.3	268
2	Obliquity pacing of the western Pacific Intertropical Convergence Zone over the past 282,000 years. <i>Nature Communications</i> , 2015, 6, 10018.	12.8	124
3	Improving coral-base paleoclimate reconstructions by replicating 350 years of coral Sr/Ca variations. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 373, 6-24.	2.3	122
4	Reconstructing twentieth-century sea surface temperature variability in the southwest Pacific: A replication study using multiple coral Sr/Ca records from New Caledonia. <i>Paleoceanography</i> , 2007, 22, .	3.0	113
5	A coral Sr/Ca calibration and replication study of two massive corals from the Gulf of Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 307, 117-128.	2.3	71
6	A reconstruction of sea surface temperature variability in the southeastern Gulf of Mexico from 1734 to 2008 C.E. using cross-dated Sr/Ca records from the coral <i>Siderastrea siderea</i> . <i>Paleoceanography</i> , 2014, 29, 403-422.	3.0	70
7	Sea surface temperature variability in the southwest tropical Pacific since AD 1649. <i>Nature Climate Change</i> , 2012, 2, 799-804.	18.8	69
8	The Iso2k database: a global compilation of paleo- $\delta^{18}\text{O}$ and $\delta^2\text{H}$ records to aid understanding of Common Era climate. <i>Earth System Science Data</i> , 2020, 12, 2261-2288.	9.9	46
9	A snapshot of climate variability at Tahiti at 9.5 ka using a fossil coral from IODP Expedition 310. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	44
10	Intercolony $\delta^{18}\text{O}$ and Sr/Ca variability among <i>Porites</i> spp. corals at Palmyra Atoll: Toward more robust coral-based estimates of climate. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5270-5284.	2.5	37
11	The revolution of crossdating in marine palaeoecology and palaeoclimatology. <i>Biology Letters</i> , 2019, 15, 20180665.	2.3	35
12	Refining temperature reconstructions with the Atlantic coral <i>Siderastrea siderea</i> . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 462, 1-15.	2.3	33
13	Recent 121-year variability of western boundary upwelling in the northern South China Sea. <i>Geophysical Research Letters</i> , 2013, 40, 3180-3183.	4.0	30
14	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1570-1596.	2.9	30
15	Evidence of multidecadal climate variability and the Atlantic Multidecadal Oscillation from a Gulf of Mexico sea-surface temperature-proxy record. <i>Geo-Marine Letters</i> , 2009, 29, 477-484.	1.1	29
16	Multi-specimen and multi-site calibration of Aleutian coralline algal Mg/Ca to sea surface temperature. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 139, 190-204.	3.9	27
17	Multi-species coral Sr/Ca-based sea-surface temperature reconstruction using <i>Orbicella faveolata</i> and <i>Siderastrea siderea</i> from the Florida Straits. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 466, 100-109.	2.3	19
18	North Pacific twentieth century decadal-scale variability is unique for the past 342 years. <i>Geophysical Research Letters</i> , 2017, 44, 3761-3769.	4.0	16

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19	Recording Tropical Cyclone Activity from 1909 to 2014 along the Northern Gulf of Mexico using Maritime Slash Pine Trees (<i>Pinus elliottii</i> var. <i>elliottii</i> Engelm.). <i>Journal of Coastal Research</i> , 2018, 342, 328-340.	0.3	16
20	Fundamental questions and applications of sclerochronology: Community-defined research priorities. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106977.	2.1	15
21	A mid-Holocene paleoprecipitation record from Belize. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 463, 103-111.	2.3	13
22	The Future of Reef Ecosystems in the Gulf of Mexico: Insights From Coupled Climate Model Simulations and Ancient Hot-House Reefs. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	13
23	Insights from barium variability in a <i>Siderastrea siderea</i> coral in the northwestern Gulf of Mexico. <i>Marine Pollution Bulletin</i> , 2021, 173, 112930.	5.0	12
24	Identifying Hydro ¹⁸ O Records for Improved High-Resolution Temperature and Salinity Reconstructions. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	12
25	A speleothem-based mid-Holocene precipitation reconstruction for West-Central Florida. <i>Holocene</i> , 2017, 27, 987-996.	1.7	7
26	Piecing Together the Big Picture on Water and Climate. <i>Eos</i> , 2018, 99, .	0.1	5
27	Evaluating highly resolved paleoclimate records in the frequency domain for multidecadal-scale climate variability. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	4
28	Late Pleistocene baldcypress (<i>Taxodium distichum</i>) forest deposit on the continental shelf of the northern Gulf of Mexico. <i>Boreas</i> , 2021, 50, 871-892.	2.4	4
29	²³⁶ U/ ²³⁸ U Analysis of Femtograms of ²³⁶ U by MC-ICPMS. <i>Analytical Chemistry</i> , 2021, 93, 8442-8449.	6.5	4
30	Stratigraphic pollen analysis performed on a late Pleistocene cypress forest preserved on the northern Gulf of Mexico continental shelf. <i>Journal of Quaternary Science</i> , 2018, 33, 865-870.	2.1	4
31	Saving Our Marine Archives. <i>Eos</i> , 2017, , .	0.1	3
32	Investigating the influence of temperature and seawater $\delta^{18}O$ on <i>Donax obesulus</i> (Reeve, 1854) shell $\delta^{18}O$. <i>Chemical Geology</i> , 2022, 588, 120638.	3.3	3
33	Using Proxy Records to Document Gulf of Mexico Tropical Cyclones from 1820-1915. <i>PLoS ONE</i> , 2016, 11, e0167482.	2.5	2
34	Tropical ocean hydroclimate and temperature from coral archives. <i>Past Global Change Magazine</i> , 2020, 28, .	0.1	2
35	Reply to comment by Cahyarini et al. on "A snapshot of climate variability at Tahiti at 9.5 ka using a fossil coral from IODP Expedition 310". <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, .	2.5	1
36	Corals (Sclerochronology). , 2013, , 1-9.		0

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37	Corals (Sclerochronology). Encyclopedia of Earth Sciences Series, 2015, , 187-191.	0.1	0
38	DENDROCHRONOLOGY REVEALS RESPONSE OF COASTAL PINE TREES TO VARIOUS CLIMATE PARAMETERS IN GRAND BAY NATIONAL ESTUARINE RESEARCH RESERVE, MISSISSIPPI, U.S.A. , 2016, , .		0