Zunli Lu

List of Publications by Year
in descending order

30 papers	1,768 citations	361045 20 h-index	476904 29 g-index
31 all docs	31 docs citations	31 times ranked	1811 citing authors

#	Article	IF	Citations
1	Iodine content of fish otoliths in species found in diverse habitats. Environmental Biology of Fishes, 2022, 105, 351-367.	0.4	1
2	Proxies for paleo-oxygenation: A downcore comparison between benthic foraminiferal surface porosity and I/Ca. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 579, 110588.	1.0	6
3	Foraminifera Iodine to Calcium Ratios: Approach and Cleaning. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009811.	1.0	8
4	Vertical decoupling in Late Ordovician anoxia due to reorganization of ocean circulation. Nature Geoscience, 2021, 14, 868-873.	5.4	30
5	Refining the planktic foraminiferal I/Ca proxy: Results from the Southeast Atlantic Ocean. Geochimica Et Cosmochimica Acta, 2020, 287, 318-327.	1.6	20
6	Paleo-redox context of the Mid-Devonian Appalachian Basin and its relevance to biocrises. Geochimica Et Cosmochimica Acta, 2020, 287, 328-340.	1.6	14
7	Iodine records from the Ediacaran Doushantuo cap carbonates of the Yangtze Block, South China. Precambrian Research, 2020, 347, 105843.	1.2	7
8	I/Ca in epifaunal benthic foraminifera: A semi-quantitative proxy for bottom water oxygen in a multi-proxy compilation for glacial ocean deoxygenation. Earth and Planetary Science Letters, 2020, 533, 116055.	1.8	26
9	Intensified Ocean Deoxygenation During the end Devonian Mass Extinction. Geochemistry, Geophysics, Geosystems, 2019, 20, 6187-6198.	1.0	9
10	Evidence for local and global redox conditions at an Early Ordovician (Tremadocian) mass extinction. Earth and Planetary Science Letters, 2018, 481, 125-135.	1.8	50
11	Glacial expansion of oxygen-depleted seawater in the eastern tropical Pacific. Nature, 2018, 562, 410-413.	13.7	78
12	Late inception of a resiliently oxygenated upper ocean. Science, 2018, 361, 174-177.	6.0	117
13	Perspectives on Proterozoic surface ocean redox from iodine contents in ancient and recent carbonate. Earth and Planetary Science Letters, 2017, 463, 159-170.	1.8	172
14	Organically bound iodine as a bottom-water redox proxy: Preliminary validation and application. Chemical Geology, 2017, 457, 95-106.	1.4	22
15	Iron Mineralogy and Speciation in Clayâ€Sized Fractions of Chinese Desert Sediments. Journal of Geophysical Research D: Atmospheres, 2017, 122, 13,458.	1.2	26
16	Patterns of local and global redox variability during the Cenomanianâ€“Turonian Boundary Event (Oceanic Anoxic Event 2) recorded in carbonates and shales from central Italy. Sedimentology, 2017, 64, 168-185.	1.6	45
17	Oxygen depletion recorded in upper waters of the glacial Southern Ocean. Nature Communications, 2016, 7, 11146.	5.8	83
18	Expanded oxygen minimum zones during the late Paleoceneâ€early Eocene: Hints from multiproxy comparison and ocean modeling. Paleoceanography, 2016, 31, 1532-1546.	3.0	40

#	Article	IF	Citations
19	Ikaite Abundance Controlled by Porewater Phosphorus Level: Potential Links to Dust and Productivity. Journal of Geology, 2015, 123, 269-281.	0.7	40
20	Upper ocean oxygenation dynamics from I/Ca ratios during the Cenomanianâ€Turonian OAE 2. Paleoceanography, 2015, 30, 510-526.	3.0	60
21	In search of the dead zone: Use of otoliths for tracking fish exposure to hypoxia. Journal of Marine Systems, 2015, 141, 167-178.	0.9	142
22	An iodine record of Paleoproterozoic surface ocean oxygenation. Geology, 2014, 42, 619-622.	2.0	111
23	I/Ca evidence for upper ocean deoxygenation during the PETM. Paleoceanography, 2014, 29, 964-975.	3.0	73
24	An ikaite record of late Holocene climate at the Antarctic Peninsula. Earth and Planetary Science Letters, 2012, 325-326, 108-115.	1.8	39
25	Comparison of iodine dates from mud volcanoes and gas hydrate occurrences: Relevance for the movement of fluids and methane in active margins. Numerische Mathematik, 2011, 311, 632-650.	0.7	5
26	Commemorating Two Centuries of Iodine Research: An Interdisciplinary Overview of Current Research. Angewandte Chemie - International Edition, 2011, 50, 11598-11620.	7.2	299
27	Iodine to calcium ratios in marine carbonate as a paleo-redox proxy during oceanic anoxic events. Geology, 2010, 38, 1107-1110.	2.0	175
28	Pore fluid modeling approach to identify recent meltwater signals on the west Antarctic Peninsula. Geochemistry, Geophysics, Geosystems, 2010, 11, .	1.0	4
29	Halogen and ¹²⁹I systematics in gas hydrate fields at the northern Cascadia margin (IODP) Tj ETQq1 1 0.784314 rgBT /O	1.0	29
30	Iodine proxy evidence for increased ocean oxygenation during the Bitter Springs Anomaly. Geochemical Perspectives Letters, 0, , 53-57.	1.0	37