

Zunli Lu

List of Publications by Year in descending order

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Version: 2024-02-01

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	Commemorating Two Centuries of Iodine Research: An Interdisciplinary Overview of Current Research. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11598-11620.	7.2	299
2	Iodine to calcium ratios in marine carbonate as a paleo-redox proxy during oceanic anoxic events. <i>Geology</i> , 2010, 38, 1107-1110.	2.0	175
3	Perspectives on Proterozoic surface ocean redox from iodine contents in ancient and recent carbonate. <i>Earth and Planetary Science Letters</i> , 2017, 463, 159-170.	1.8	172
4	In search of the dead zone: Use of otoliths for tracking fish exposure to hypoxia. <i>Journal of Marine Systems</i> , 2015, 141, 167-178.	0.9	142
5	Late inception of a resiliently oxygenated upper ocean. <i>Science</i> , 2018, 361, 174-177.	6.0	117
6	An iodine record of Paleoproterozoic surface ocean oxygenation. <i>Geology</i> , 2014, 42, 619-622.	2.0	111
7	Oxygen depletion recorded in upper waters of the glacial Southern Ocean. <i>Nature Communications</i> , 2016, 7, 11146.	5.8	83
8	Glacial expansion of oxygen-depleted seawater in the eastern tropical Pacific. <i>Nature</i> , 2018, 562, 410-413.	13.7	78
9	I/Ca evidence for upper ocean deoxygenation during the PETM. <i>Paleoceanography</i> , 2014, 29, 964-975.	3.0	73
10	Upper ocean oxygenation dynamics from I/Ca ratios during the Cenomanian–Turonian OAE 2. <i>Paleoceanography</i> , 2015, 30, 510-526.	3.0	60
11	Evidence for local and global redox conditions at an Early Ordovician (Tremadocian) mass extinction. <i>Earth and Planetary Science Letters</i> , 2018, 481, 125-135.	1.8	50
12	Patterns of local and global redox variability during the Cenomanian–Turonian Boundary Event (Oceanic Anoxic Event 2) recorded in carbonates and shales from central Italy. <i>Sedimentology</i> , 2017, 64, 168-185.	1.6	45
13	Ikaite Abundance Controlled by Porewater Phosphorus Level: Potential Links to Dust and Productivity. <i>Journal of Geology</i> , 2015, 123, 269-281.	0.7	40
14	Expanded oxygen minimum zones during the late Paleocene–early Eocene: Hints from multiproxy comparison and ocean modeling. <i>Paleoceanography</i> , 2016, 31, 1532-1546.	3.0	40
15	An ikaite record of late Holocene climate at the Antarctic Peninsula. <i>Earth and Planetary Science Letters</i> , 2012, 325-326, 108-115.	1.8	39
16	Iodine proxy evidence for increased ocean oxygenation during the Bitter Springs Anomaly. <i>Geochemical Perspectives Letters</i> , 0, , 53-57.	1.0	37
17	Vertical decoupling in Late Ordovician anoxia due to reorganization of ocean circulation. <i>Nature Geoscience</i> , 2021, 14, 868-873.	5.4	30
18	Halogen and ¹²⁹ I systematics in gas hydrate fields at the northern Cascadia margin (IODP Tj ETQq0 Q 0 rgBT /Overlock 10	1.0	29

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19	Iron Mineralogy and Speciation in Clay-Sized Fractions of Chinese Desert Sediments. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 13,458.	1.2	26
20	I/Ca in epifaunal benthic foraminifera: A semi-quantitative proxy for bottom water oxygen in a multi-proxy compilation for glacial ocean deoxygenation. <i>Earth and Planetary Science Letters</i> , 2020, 533, 116055.	1.8	26
21	Organically bound iodine as a bottom-water redox proxy: Preliminary validation and application. <i>Chemical Geology</i> , 2017, 457, 95-106.	1.4	22
22	Refining the planktic foraminiferal I/Ca proxy: Results from the Southeast Atlantic Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 318-327.	1.6	20
23	Paleo-redox context of the Mid-Devonian Appalachian Basin and its relevance to biocrises. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 328-340.	1.6	14
24	Intensified Ocean Deoxygenation During the end Devonian Mass Extinction. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 6187-6198.	1.0	9
25	Foraminifera Iodine to Calcium Ratios: Approach and Cleaning. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009811.	1.0	8
26	Iodine records from the Ediacaran Doushantuo cap carbonates of the Yangtze Block, South China. <i>Precambrian Research</i> , 2020, 347, 105843.	1.2	7
27	Proxies for paleo-oxygenation: A downcore comparison between benthic foraminiferal surface porosity and I/Ca. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 579, 110588.	1.0	6
28	Comparison of iodine dates from mud volcanoes and gas hydrate occurrences: Relevance for the movement of fluids and methane in active margins. <i>Numerische Mathematik</i> , 2011, 311, 632-650.	0.7	5
29	Pore fluid modeling approach to identify recent meltwater signals on the west Antarctic Peninsula. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	4
30	Iodine content of fish otoliths in species found in diverse habitats. <i>Environmental Biology of Fishes</i> , 2022, 105, 351-367.	0.4	1