

Adriana Dutkiewicz

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

933
citations

623188

14
h-index

794141

19
g-index

23
all docs

23
docs citations

23
times ranked

1029
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the maturity of oil trapped in fluid inclusions using molecular geochemistry data and visually-determined fluorescence colours. <i>Applied Geochemistry</i> , 2001, 16, 451-473.	1.4	163
2	Census of seafloor sediments in the world's ocean. <i>Geology</i> , 2015, 43, 795-798.	2.0	110
3	Oil preserved in fluid inclusions in Archaean sandstones. <i>Nature</i> , 1998, 395, 885-888.	13.7	105
4	Biomarkers from Huronian oil-bearing fluid inclusions: An uncontaminated record of life before the Great Oxidation Event. <i>Geology</i> , 2006, 34, 437.	2.0	97
5	Preservation of hydrocarbons and biomarkers in oil trapped inside fluid inclusions for >2 billion years. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 844-870.	1.6	96
6	Oceanic crustal carbon cycle drives 26-million-year atmospheric carbon dioxide periodicities. <i>Science Advances</i> , 2018, 4, eaaq0500.	4.7	52
7	Controls on the global distribution of contourite drifts: Insights from an eddy-resolving ocean model. <i>Earth and Planetary Science Letters</i> , 2018, 489, 228-240.	1.8	50
8	Evolution of Earth's tectonic carbon conveyor belt. <i>Nature</i> , 2022, 605, 629-639.	13.7	43
9	The GPlates Portal: Cloud-Based Interactive 3D Visualization of Global Geophysical and Geological Data in a Web Browser. <i>PLoS ONE</i> , 2016, 11, e0150883.	1.1	41
10	Sequestration and subduction of deep-sea carbonate in the global ocean since the Early Cretaceous. <i>Geology</i> , 2019, 47, 91-94.	2.0	32
11	Environmental predictors of deep-sea polymetallic nodule occurrence in the global ocean. <i>Geology</i> , 2020, 48, 293-297.	2.0	30
12	Predicting Sediment Thickness on Vanished Ocean Crust Since 200 Ma. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4586-4603.	1.0	23
13	Controls on the distribution of deep-sea sediments. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 3075-3098.	1.0	19
14	Vigorous deep-sea currents cause global anomaly in sediment accumulation in the Southern Ocean. <i>Geology</i> , 2016, 44, 663-666.	2.0	16
15	PyBacktrack 1.0: A Tool for Reconstructing Paleobathymetry on Oceanic and Continental Crust. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1898-1909.	1.0	16
16	Origin of silica and fingerprinting of Australian sedimentary opals. <i>Gondwana Research</i> , 2015, 27, 786-795.	3.0	13
17	Towards a predictive model for opal exploration using a spatio-temporal data mining approach. <i>Australian Journal of Earth Sciences</i> , 2013, 60, 217-229.	0.4	11
18	In search of early life: Carbonate veins in Archean metamorphic rocks as potential hosts of biomarkers. <i>Earth and Planetary Science Letters</i> , 2016, 453, 44-55.	1.8	9

#	ARTICLE	IF	CITATIONS
19	Deep-sea hiatuses track the vigor of Cenozoic ocean bottom currents. <i>Geology</i> , 2022, 50, 710-715.	2.0	7