

Alexandre Pohl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8295688/publications.pdf>

Version: 2024-02-01

22
papers

725
citations

516215

16
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

796
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-extinction recovery of the Phanerozoic oceans and biodiversity hotspots. <i>Nature</i> , 2022, 607, 507-511.	13.7	15
2	Dataset of Phanerozoic continental climate and Köppen-Geiger climate classes. <i>Data in Brief</i> , 2022, 43, 108424.	0.5	2
3	Truncated bimodal latitudinal diversity gradient in early Paleozoic phytoplankton. <i>Science Advances</i> , 2021, 7, .	4.7	20
4	Quantitative comparison of geological data and model simulations constrains early Cambrian geography and climate. <i>Nature Communications</i> , 2021, 12, 3868.	5.8	15
5	Decreasing Phanerozoic extinction intensity as a consequence of Earth surface oxygenation and metazoan ecophysiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	21
6	Vertical decoupling in Late Ordovician anoxia due to reorganization of ocean circulation. <i>Nature Geoscience</i> , 2021, 14, 868-873.	5.4	30
7	Extinction intensity during Ordovician and Cenozoic glaciations explained by cooling and palaeogeography. <i>Nature Geoscience</i> , 2020, 13, 65-70.	5.4	39
8	Revising the timing and causes of the Urganian rudistid-platform demise in the Mediterranean Tethys. <i>Global and Planetary Change</i> , 2020, 187, 103124.	1.6	16
9	Carbonate platform production during the Cretaceous. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 2606-2610.	1.6	11
10	Global distribution of modern shallow-water marine carbonate factories: a spatial model based on environmental parameters. <i>Scientific Reports</i> , 2019, 9, 16432.	1.6	29
11	Marine carbonate factories: a global model of carbonate platform distribution. <i>International Journal of Earth Sciences</i> , 2019, 108, 1773-1792.	0.9	37
12	Quantifying the paleogeographic driver of Cretaceous carbonate platform development using paleoecological niche modeling. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 514, 222-232.	1.0	20
13	Possible patterns of marine primary productivity during the Great Ordovician Biodiversification Event. <i>Lethaia</i> , 2018, 51, 187-197.	0.6	17
14	A sea-level fingerprint of the Late Ordovician ice-sheet collapse. <i>Geology</i> , 2018, 46, 595-598.	2.0	9
15	Ocean Circulation in the Toarcian (Early Jurassic): A Key Control on Deoxygenation and Carbon Burial on the European Shelf. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 994-1012.	1.3	59
16	An early Cambrian greenhouse climate. <i>Science Advances</i> , 2018, 4, eaar5690.	4.7	67
17	The climatic significance of Late Ordovician-early Silurian black shales. <i>Paleoceanography</i> , 2017, 32, 397-423.	3.0	42
18	Glacial onset predated Late Ordovician climate cooling. <i>Paleoceanography</i> , 2016, 31, 800-821.	3.0	79

#	ARTICLE	IF	CITATIONS
19	High dependence of Ordovician ocean surface circulation on atmospheric CO2 levels. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 458, 39-51.	1.0	61
20	High potential for weathering and climate effects of non-vascular vegetation in the Late Ordovician. <i>Nature Communications</i> , 2016, 7, 12113.	5.8	72
21	Effect of the Ordovician paleogeography on the (in)stability of the climate. <i>Climate of the Past</i> , 2014, 10, 2053-2066.	1.3	44
22	The Bossons glacier protects Europe's summit from erosion. <i>Earth and Planetary Science Letters</i> , 2013, 375, 135-147.	1.8	18