

Peter W Crockford

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2763852/publications.pdf>

Version: 2024-02-01

28
papers

1,339
citations

331670

21
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

1230
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise age of <i>Bangiomorpha pubescens</i> dates the origin of eukaryotic photosynthesis. <i>Geology</i> , 2018, 46, 135-138.	4.4	148
2	Triple oxygen isotope evidence for limited mid-Proterozoic primary productivity. <i>Nature</i> , 2018, 559, 613-616.	27.8	144
3	Claypool continued: Extending the isotopic record of sedimentary sulfate. <i>Chemical Geology</i> , 2019, 513, 200-225.	3.3	102
4	Basin redox and primary productivity within the Mesoproterozoic Roper Seaway. <i>Chemical Geology</i> , 2016, 440, 101-114.	3.3	89
5	A productivity collapse to end Earth's Great Oxidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17207-17212.	7.1	82
6	Pelagic barite precipitation at micromolar ambient sulfate. <i>Nature Communications</i> , 2017, 8, 1342.	12.8	67
7	A case for low atmospheric oxygen levels during Earth's middle history. <i>Emerging Topics in Life Sciences</i> , 2018, 2, 149-159.	2.6	64
8	Barium-isotopic constraints on the origin of post-Marinoan barites. <i>Earth and Planetary Science Letters</i> , 2019, 519, 234-244.	4.4	59
9	Large sulfur isotope fractionation by bacterial sulfide oxidation. <i>Science Advances</i> , 2019, 5, eaaw1480.	10.3	57
10	Bridging the gap between the foreland and hinterland II: Geochronology and tectonic setting of Ordovician magmatism and basin formation on the Laurentian margin of New England and Newfoundland. <i>Numerische Mathematik</i> , 2017, 317, 555-596.	1.4	55
11	Triple oxygen and multiple sulfur isotope constraints on the evolution of the post-Marinoan sulfur cycle. <i>Earth and Planetary Science Letters</i> , 2016, 435, 74-83.	4.4	52
12	Bacterial sulfur disproportionation constrains timing of Neoproterozoic oxygenation. <i>Geology</i> , 2017, 45, 207-210.	4.4	51
13	Linking paleocontinents through triple oxygen isotope anomalies. <i>Geology</i> , 2018, 46, 179-182.	4.4	43
14	Transient marine euxinia at the end of the terminal Cryogenian glaciation. <i>Nature Communications</i> , 2018, 9, 3019.	12.8	41
15	Mercury in some arc crustal rocks and mantle peridotites and relevance to the moderately volatile element budget of the Earth. <i>Chemical Geology</i> , 2015, 396, 134-142.	3.3	36
16	Linking the Bitter Springs carbon isotope anomaly and early Neoproterozoic oxygenation through $I/[Ca + Mg]$ ratios. <i>Chemical Geology</i> , 2019, 524, 119-135.	3.3	31
17	Snowballs in Africa: sectioning a long-lived Neoproterozoic carbonate platform and its bathyal foreslope (NW Namibia). <i>Earth-Science Reviews</i> , 2021, 219, 103616.	9.1	30
18	Reconstructing Neoproterozoic seawater chemistry from early diagenetic dolomite. <i>Geology</i> , 2021, 49, 442-446.	4.4	26

#	ARTICLE	IF	CITATIONS
19	The Sedimentary Geochemistry and Paleoenvironments Project. <i>Geobiology</i> , 2021, 19, 545-556.	2.4	26
20	Geologic evidence for an icehouse Earth before the Sturtian global glaciation. <i>Science Advances</i> , 2020, 6, eaay6647.	10.3	25
21	Triple sulfur isotope relationships during sulfate-driven anaerobic oxidation of methane. <i>Earth and Planetary Science Letters</i> , 2018, 504, 13-20.	4.4	23
22	A high-TOC shale in a low productivity world: The late Mesoproterozoic Arctic Bay Formation, Nunavut. <i>Earth and Planetary Science Letters</i> , 2020, 544, 116384.	4.4	19
23	Large Mass-Independent Oxygen Isotope Fractionations in Mid-Proterozoic Sediments: Evidence for a Low-Oxygen Atmosphere?. <i>Astrobiology</i> , 2020, 20, 628-636.	3.0	18
24	Radiogenic isotope chemostratigraphy reveals marine and nonmarine depositional environments in the late Mesoproterozoic Borden Basin, Arctic Canada. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1965-1978.	3.3	15
25	Dynamic interplay of biogeochemical C, S and Ba cycles in response to the Shuram oxygenation event. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	12
26	A transient peak in marine sulfate after the 635-Ma snowball Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117341119.	7.1	12
27	Dissolution kinetics of Devonian carbonates at circum-neutral pH, 50bar pCO ₂ , 105°C, and 0.4M: The importance of complex brine chemistry on reaction rates. <i>Applied Geochemistry</i> , 2014, 41, 128-134.	3.0	5
28	A carbonate molybdenum isotope and cerium anomaly record across the end-GOE: Local records of global oxygenation. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 313, 313-339.	3.9	3