Peter W Crockford

List of Publications by Year
in descending order

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	Dynamic interplay of biogeochemical C, S and Ba cycles in response to the Shuram oxygenation event. Journal of the Geological Society, 2022, 179, .	2.1	12
2	A transient peak in marine sulfate after the 635-Ma snowball Earth. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117341119.	7.1	12
3	Reconstructing Neoproterozoic seawater chemistry from early diagenetic dolomite. Geology, 2021, 49, 442-446.	4.4	26
4	The Sedimentary Geochemistry and Paleoenvironments Project. Geobiology, 2021, 19, 545-556.	2.4	26
5	Snowballs in Africa: sectioning a long-lived Neoproterozoic carbonate platform and its bathyal foreslope (NW Namibia). Earth-Science Reviews, 2021, 219, 103616.	9.1	30
6	A carbonate molybdenum isotope and cerium anomaly record across the end-GOE: Local records of global oxygenation. Geochimica Et Cosmochimica Acta, 2021, 313, 313-339.	3.9	3
7	Geologic evidence for an icehouse Earth before the Sturtian global glaciation. Science Advances, 2020, 6, eaay6647.	10.3	25
8	A high-TOC shale in a low productivity world: The late Mesoproterozoic Arctic Bay Formation, Nunavut. Earth and Planetary Science Letters, 2020, 544, 116384.	4.4	19
9	Large Mass-Independent Oxygen Isotope Fractionations in Mid-Proterozoic Sediments: Evidence for a Low-Oxygen Atmosphere?. Astrobiology, 2020, 20, 628-636.	3.0	18
10	A productivity collapse to end Earthâ€™s Great Oxidation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17207-17212.	7.1	82
11	Large sulfur isotope fractionation by bacterial sulfide oxidation. Science Advances, 2019, 5, eaaw1480.	10.3	57
12	Linking the Bitter Springs carbon isotope anomaly and early Neoproterozoic oxygenation through I/[Caâ€¯+â€¯Mg] ratios. Chemical Geology, 2019, 524, 119-135.	3.3	31
13	Barium-isotopic constraints on the origin of post-Marinoan barites. Earth and Planetary Science Letters, 2019, 519, 234-244.	4.4	59
14	Claypool continued: Extending the isotopic record of sedimentary sulfate. Chemical Geology, 2019, 513, 200-225.	3.3	102
15	Radiogenic isotope chemostratigraphy reveals marine and nonmarine depositional environments in the late Mesoproterozoic Borden Basin, Arctic Canada. Bulletin of the Geological Society of America, 2019, 131, 1965-1978.	3.3	15
16	Precise age of Bangiomorpha pubescens dates the origin of eukaryotic photosynthesis. Geology, 2018, 46, 135-138.	4.4	148
17	Linking paleocontinents through triple oxygen isotope anomalies. Geology, 2018, 46, 179-182.	4.4	43
18	Triple sulfur isotope relationships during sulfate-driven anaerobic oxidation of methane. Earth and Planetary Science Letters, 2018, 504, 13-20.	4.4	23

#	Article	IF	Citations
19	Triple oxygen isotope evidence for limited mid-Proterozoic primary productivity. Nature, 2018, 559, 613-616.	27.8	144
20	Transient marine euxinia at the end of the terminal Cryogenian glaciation. Nature Communications, 2018, 9, 3019.	12.8	41
21	A case for low atmospheric oxygen levels during Earth's middle history. Emerging Topics in Life Sciences, 2018, 2, 149-159.	2.6	64
22	Bacterial sulfur disproportionation constrains timing of Neoproterozoic oxygenation. Geology, 2017, 45, 207-210.	4.4	51
23	Pelagic barite precipitation at micromolar ambient sulfate. Nature Communications, 2017, 8, 1342.	12.8	67
24	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. Numerische Mathematik, 2017, 317, 555-596.	1.4	55
25	Basin redox and primary productivity within the Mesoproterozoic Roper Seaway. Chemical Geology, 2016, 440, 101-114.	3.3	89
26	Triple oxygen and multiple sulfur isotope constraints on the evolution of the post-Marinoan sulfur cycle. Earth and Planetary Science Letters, 2016, 435, 74-83.	4.4	52
27	Mercury in some arc crustal rocks and mantle peridotites and relevance to the moderately volatile element budget of the Earth. Chemical Geology, 2015, 396, 134-142.	3.3	36
28	Dissolution kinetics of Devonian carbonates at circum-neutral pH, 50bar pCO2, 105Â°C, and 0.4M: The importance of complex brine chemistry on reaction rates. Applied Geochemistry, 2014, 41, 128-134.	3.0	5