Brian Kendall

List of Publications by Year
in descending order

46 papers	4,532 citations	186265 28 h-index	223800 46 g-index
48 all docs	48 docs citations	48 times ranked	2615 citing authors

#	Article	IF	Citations
1	Insights from modern diffuse-flow hydrothermal systems into the origin of post-GOE deep-water Fe-Si precipitates. Geochimica Et Cosmochimica Acta, 2022, 317, 1-17.	3.9	2
2	Significance of 56Fe depletions in late-Archean shales and pyrite. Geochimica Et Cosmochimica Acta, 2022, 316, 87-104.	3.9	6
3	Molybdenum isotope-based redox deviation driven by continental margin euxinia during the early Cambrian. Geochimica Et Cosmochimica Acta, 2022, 325, 152-169.	3.9	23
4	Shale Heavy Metal Isotope Records of Low Environmental O2 Between Two Archean Oxidation Events. Frontiers in Earth Science, 2022, 10, .	1.8	4
5	The Mo- and U-isotope signatures in alternating shales and carbonate beds of rhythmites: A comparison and implications for redox conditions across the Cambrian-Ordovician boundary. Chemical Geology, 2022, 602, 120882.	3.3	10
6	Consecutive Fe redox cycles decrease bioreducible Fe(III) and Fe isotope fractionations by eliminating small clay particles. Geochimica Et Cosmochimica Acta, 2021, 308, 118-135.	3.9	4
7	New constraints on mid-Proterozoic ocean redox from stable thallium isotope systematics of black shales. Geochimica Et Cosmochimica Acta, 2021, 315, 185-206.	3.9	6
8	Recent Advances in Geochemical Paleo-Oxybarometers. Annual Review of Earth and Planetary Sciences, 2021, 49, 399-433.	11.0	25
9	An expanded shale Î´98Mo record permits recurrent shallow marine oxygenation during the Neoarchean. Chemical Geology, 2020, 532, 119391.	3.3	15
10	Estimating ancient seawater isotope compositions and global ocean redox conditions by coupling the molybdenum and uranium isotope systems of euxinic organic-rich mudrocks. Geochimica Et Cosmochimica Acta, 2020, 290, 76-103.	3.9	27
11	Molybdenum Isotope Constraints on the Origin of Vanadium Hyper-Enrichments in Ediacaranâ€“Phanerozoic Marine Mudrocks. Minerals (Basel, Switzerland), 2020, 10, 1075.	2.0	13
12	Inverse correlation between the molybdenum and uranium isotope compositions of Upper Devonian black shales caused by changes in local depositional conditions rather than global ocean redox variations. Geochimica Et Cosmochimica Acta, 2020, 287, 141-164.	3.9	29
13	Multiple negative molybdenum isotope excursions in the Doushantuo Formation (South China) fingerprint complex redox-related processes in the Ediacaran Nanhua Basin. Geochimica Et Cosmochimica Acta, 2019, 261, 191-209.	3.9	52
14	Fully oxygenated water columns over continental shelves before the Great Oxidation Event. Nature Geoscience, 2019, 12, 186-191.	12.9	95
15	A model for the oceanic mass balance of rhenium and implications for the extent of Proterozoic ocean anoxia. Geochimica Et Cosmochimica Acta, 2018, 227, 75-95.	3.9	66
16	Extensive marine anoxia during the terminal Ediacaran Period. Science Advances, 2018, 4, eaan8983.	10.3	126
17	THE STABLE ISOTOPE GEOCHEMISTRY OF MOLYBDENUM. Reviews in Mineralogy and Geochemistry, 2017, 82, 683-732.	4.8	191
18	A multi-isotope approach towards constraining the origin of large-scale Paleoproterozoic B-(Fe) mineralization in NE China. Precambrian Research, 2017, 292, 115-129.	2.7	15

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19	Uranium isotope compositions of mid-Proterozoic black shales: Evidence for an episode of increased ocean oxygenation at 1.36 Ga and evaluation of the effect of post-depositional hydrothermal fluid flow. Precambrian Research, 2017, 298, 187-201.	2.7	61
20	Marine redox conditions during deposition of Late Ordovician and Early Silurian organic-rich mudrocks in the Siljan ring district, central Sweden. Chemical Geology, 2017, 457, 75-94.	3.3	42
21	Temporal record of osmium concentrations and 187Os/188Os in organic-rich mudrocks: Implications for the osmium geochemical cycle and the use of osmium as a paleoceanographic tracer. Geochimica Et Cosmochimica Acta, 2017, 216, 221-241.	3.9	22
22	16 Good Golly, Why Moly? THE STABLE ISOTOPE GEOCHEMISTRY OF MOLYBDENUM. , 2017, , 683-732.		9
23	Oceanic oxygenation events in the anoxic Ediacaran ocean. Geobiology, 2016, 14, 457-468.	2.4	241
24	Trace elements at the intersection of marine biological and geochemical evolution. Earth-Science Reviews, 2016, 163, 323-348.	9.1	135
25	Genesis of a giant Paleoproterozoic strata-bound magnesite deposit: Constraints from Mg isotopes. Precambrian Research, 2016, 281, 673-683.	2.7	23
26	Uranium and molybdenum isotope evidence for an episode of widespread ocean oxygenation during the late Ediacaran Period. Geochimica Et Cosmochimica Acta, 2015, 156, 173-193.	3.9	222
27	Oxygenation of a Cryogenian ocean (Nanhua Basin, South China) revealed by pyrite Fe isotope compositions. Earth and Planetary Science Letters, 2015, 429, 11-19.	4.4	80
28	Redox conditions across the Cambrianâ€"Ordovician boundary: Elemental and isotopic signatures retained in the GSSP carbonates. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 440, 440-454.	2.3	33
29	Transient episodes of mild environmental oxygenation and oxidative continental weathering during the late Archean. Science Advances, 2015, 1, e1500777.	10.3	61
30	An osmium-based method for assessing the source of dissolved rhenium and molybdenum to Archean seawater. Chemical Geology, 2014, 385, 92-103.	3.3	6
31	Depositional age of the early Paleoproterozoic Klipputs Member, Nelani Formation (Ghaap Group,) Tj ETQq1 1 0.784314 rgBT /Overlock Paleoproterozoic global correlations. Precambrian Research, 2013, 237, 1-12.	2.7	24
32	Uranium isotope fractionation suggests oxidative uranium mobilization at 2.50 Ga. Chemical Geology, 2013, 362, 105-114.	3.3	101
33	Bioavailability of zinc in marine systems through time. Nature Geoscience, 2013, 6, 125-128.	12.9	84
34	Reâ€"Os age constraints and new observations of Proterozoic glacial deposits in the Vazante Group, Brazil. Precambrian Research, 2013, 238, 199-213.	2.7	48
35	Anomalous molybdenum isotope trends in Upper Pennsylvanian euxinic facies: Significance for use of Î´98Mo as a global marine redox proxy. Chemical Geology, 2012, 324-325, 87-98.	3.3	48
36	Ocean oxygenation in the wake of the Marinoan glaciation. Nature, 2012, 489, 546-549.	27.8	420

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37	Molybdenum isotope constraints on the extent of late Paleoproterozoic ocean euxinia. Earth and Planetary Science Letters, 2011, 307, 450-460.	4.4	99
38	Pervasive oxygenation along late Archaean ocean margins. Nature Geoscience, 2010, 3, 647-652.	12.9	233
39	Molybdenum isotope evidence for mild environmental oxygenation before the Great Oxidation Event. Geochimica Et Cosmochimica Acta, 2010, 74, 6655-6668.	3.9	139
40	¹⁸⁷ Re- ¹⁸⁷ Os geochronology of Precambrian organic-rich sedimentary rocks. Geological Society Special Publication, 2009, 326, 85-107.	1.3	65
41	Reâ€"Os and Mo isotope systematics of black shales from the Middle Proterozoic Velkerri and Wollogorang Formations, McArthur Basin, northern Australia. Geochimica Et Cosmochimica Acta, 2009, 73, 2534-2558.	3.9	209
42	Correlation of Sturtian diamictite successions in southern Australia and northwestern Tasmania by Reâ€"Os black shale geochronology and the ambiguity of â€œSturtianâ€•type diamictiteâ€"cap carbonate pairs as chronostratigraphic marker horizons. Precambrian Research, 2009, 172, 301-310.	2.7	65
43	Global correlation of the Vazante Group, SÃ£o Francisco Basin, Brazil: Reâ€"Os and Uâ€"Pb radiometric age constraints. Precambrian Research, 2008, 164, 160-172.	2.7	70
44	A Whiff of Oxygen Before the Great Oxidation Event?. Science, 2007, 317, 1903-1906.	12.6	822
45	Re-Os geochronology of postglacial black shales in Australia: Constraints on the timing of â€œSturtianâ€• glaciation. Geology, 2006, 34, 729.	4.4	250
46	Constraints on the timing of Marinoan â€œSnowball Earthâ€•glaciation by 187Reâ€"187Os dating of a Neoproterozoic, post-glacial black shale in Western Canada. Earth and Planetary Science Letters, 2004, 222, 729-740.	4.4	155