

James Ap Bendle

List of Publications by Year in descending order

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37
papers

1,702
citations

430874

18
h-index

345221

36
g-index

46
all docs

46
docs citations

46
times ranked

2588
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistent near-tropical warmth on the Antarctic continent during the early Eocene epoch. <i>Nature</i> , 2012, 488, 73-77.	27.8	266
2	Dynamic behaviour of the East Antarctic ice sheet during Pliocene warmth. <i>Nature Geoscience</i> , 2013, 6, 765-769.	12.9	219
3	Eocene cooling linked to early flow across the Tasmanian Gateway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9645-9650.	7.1	204
4	Orbital forcing of the East Antarctic ice sheet during the Pliocene and Early Pleistocene. <i>Nature Geoscience</i> , 2014, 7, 841-847.	12.9	121
5	Latitudinal distribution of terrestrial lipid biomarkers and n-alkane compound-specific stable carbon isotope ratios in the atmosphere over the western Pacific and Southern Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 5934-5955.	3.9	92
6	Variability of unusual distributions of alkenones in the surface waters of the Nordic seas. <i>Paleoceanography</i> , 2005, 20, n/a-n/a.	3.0	76
7	High-resolution alkenone sea surface temperature variability on the North Icelandic Shelf: implications for Nordic Seas palaeoclimatic development during the Holocene. <i>Holocene</i> , 2007, 17, 9-24.	1.7	76
8	Relative sea-level rise around East Antarctica during Oligocene glaciation. <i>Nature Geoscience</i> , 2013, 6, 380-384.	12.9	63
9	Distributions of UK37 and UK37 α in the surface waters and sediments of the Nordic Seas: Implications for paleoceanography. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, n/a-n/a.	2.5	56
10	Oceanic forcing of the Marine Isotope Stage 11 interglacial. <i>Nature Geoscience</i> , 2009, 2, 428-433.	12.9	53
11	North Atlantic Holocene climate evolution recorded by high-resolution terrestrial and marine biomarker records. <i>Quaternary Science Reviews</i> , 2015, 129, 111-127.	3.0	49
12	Seasonal changes in stable carbon isotopic composition of n-alkanes in the marine aerosols from the western North Pacific: Implications for the source and atmospheric transport. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 13-26.	3.9	47
13	Co-variation of crenarchaeol and branched GDGTs in globally-distributed marine and freshwater sedimentary archives. <i>Global and Planetary Change</i> , 2012, 92-93, 275-285.	3.5	41
14	Sea surface temperature changes in the Okhotsk Sea and adjacent North Pacific during the last glacial maximum and deglaciation. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 61-64, 93-105.	1.4	36
15	Ice-core records of biomass burning. <i>Infrastructure Asset Management</i> , 2016, 3, 140-162.	1.6	35
16	Impacts of pH and temperature on soil bacterial 3-hydroxy fatty acids: Development of novel terrestrial proxies. <i>Organic Geochemistry</i> , 2016, 94, 21-31.	1.8	30
17	Holocene temperature and hydrological changes reconstructed by bacterial 3-hydroxy fatty acids in a stalagmite from central China. <i>Quaternary Science Reviews</i> , 2018, 192, 97-105.	3.0	28
18	Assessment and calibration of TEX86 paleothermometry in the Sea of Okhotsk and sub-polar North Pacific region: Implications for paleoceanography. <i>Progress in Oceanography</i> , 2014, 126, 254-266.	3.2	24

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19	Lipid biomarker distributions in Oligocene and Miocene sediments from the Ross Sea region, Antarctica: Implications for use of biomarker proxies in glacially-influenced settings. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 516, 71-89.	2.3	18
20	Mid-Holocene Antarctic sea-ice increase driven by marine ice sheet retreat. <i>Climate of the Past</i> , 2021, 17, 1-19.	3.4	18
21	Lignin phenols and BIT index distributions in the Amur River and the Sea of Okhotsk: Implications for the source and transport of particulate terrestrial organic matter to the ocean. <i>Progress in Oceanography</i> , 2014, 126, 146-154.	3.2	15
22	Mid- to late Holocene hydroclimatic changes on the Chinese Loess Plateau: evidence from n-alkanes from the sediments of Tianchi Lake. <i>Journal of Paleolimnology</i> , 2018, 60, 511-523.	1.6	14
23	OPTiMAL: a new machine learning approach for GDGT-based palaeothermometry. <i>Climate of the Past</i> , 2020, 16, 2599-2617.	3.4	14
24	Amazon Fan biomarker evidence against the Pleistocene rainforest refuge hypothesis?. <i>Journal of Quaternary Science</i> , 2012, 27, 451-460.	2.1	13
25	A new sea surface temperature proxy based on bacterial 3-hydroxy fatty acids. <i>Organic Geochemistry</i> , 2020, 141, 103975.	1.8	13
26	Evaluating branched tetraether lipid-based palaeotemperature proxies in an urban, hyper-eutrophic polluted lake in South Africa. <i>Organic Geochemistry</i> , 2012, 53, 45-51.	1.8	12
27	Genomic identification of the long-chain alkenone producer in freshwater Lake Toyoni, Japan: implications for temperature reconstructions. <i>Organic Geochemistry</i> , 2018, 125, 189-195.	1.8	12
28	Large-scale mass wasting on the Miocene continental margin of western India. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 85-112.	3.3	11
29	Holocene changes in marine productivity and terrestrial organic carbon inputs into an Icelandic fjord: Application of molecular and bulk organic proxies. <i>Holocene</i> , 2013, 23, 1699-1710.	1.7	9
30	n-Alkanes in Fresh Snow in Hokkaido, Japan: Implications for Ice Core Studies. <i>Arctic, Antarctic, and Alpine Research</i> , 2013, 45, 119-131.	1.1	5
31	Speleothem biomarker evidence for a negative terrestrial feedback on climate during Holocene warm periods. <i>Earth and Planetary Science Letters</i> , 2019, 525, 115754.	4.4	5
32	Leaf Wax and Sr/Cd Isotope Evidence for High-Latitude Dust Input to the Central South China Sea and Its Implication for Fertilization. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091853.	4.0	5
33	Sensitivity of Holocene East Antarctic productivity to subdecadal variability set by sea ice. <i>Nature Geoscience</i> , 0, , .	12.9	5
34	Appraisal of paleoclimate indices based on bacterial 3-hydroxy fatty acids in 20 Chinese alkaline lakes. <i>Organic Geochemistry</i> , 2021, 160, 104277.	1.8	4
35	Exploring the use of compound-specific carbon isotopes as a palaeoproductivity proxy off the coast of Adlie Land, East Antarctica. <i>Biogeosciences</i> , 2021, 18, 5555-5571.	3.3	4
36	Enhanced Terrestrial Carbon Export From East Antarctica During the Early Eocene. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	3

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37	Core data from the Antarctic margin. Nature, 2011, 470, 181-182.	27.8	1