Erin L Mcclymont

List of Publications by Year
in descending order

59 papers	2,516 citations	172386 29 h-index	206029 48 g-index
80 all docs	80 docs citations	80 times ranked	3713 citing authors

#	Article	IF	Citations
1	Orbital and Suborbitalâ€Scale Variations of Productivity and Sea Surface Conditions in the Gulf of Alaska During the Past 54,000ÂYears: Impact of Iron Fertilization by Icebergs and Meltwater. Paleoceanography and Paleoclimatology, 2022, 37, e2021PA004385.	1.3	5
2	Summer sea-ice variability on the Antarctic margin during the last glacial period reconstructed from snow petrel (<i>Pagodroma nivea</i>) stomach-oil deposits. Climate of the Past, 2022, 18, 381-403.	1.3	6
3	Plioâ€Pleistocene Ocean Circulation Changes in the Gulf of Alaska and Its Impacts on the Carbon and Nitrogen Cycles and the Cordilleran Ice SheetÂDevelopment. Paleoceanography and Paleoclimatology, 2022, 37, .	1.3	4
4	Archaeal intact polar lipids in polar waters: a comparison between the Amundsen and Scotia seas. Biogeosciences, 2021, 18, 3485-3504.	1.3	6
5	Geological Society of London Scientific Statement: what the geological record tells us about our present and future climate. Journal of the Geological Society, 2021, 178, .	0.9	12
6	Late Pliocene Cordilleran Ice Sheet development with warm northeast Pacific sea surface temperatures. Climate of the Past, 2020, 16, 299-313.	1.3	14
7	Mg/Ca-Temperature Calibration of Polar Benthic foraminifera species for reconstruction of bottom water temperatures on the Antarctic shelf. Geochimica Et Cosmochimica Acta, 2020, 283, 54-66.	1.6	2
8	Long-term patterns of hillslope erosion by earthquake-induced landslides shape mountain landscapes. Science Advances, 2020, 6, eaaz6446.	4.7	30
9	Lessons from a high-CO₂ world: an ocean view from â€‰â^¼â€‰3Âmillion years ago. Climate of the Past, 2020, 16, 1599-1615.	1.3	52
10	Evaluation of Mumiyo Deposits From East Antarctica as Archives for the Late Quaternary Environmental and Climatic History. Geochemistry, Geophysics, Geosystems, 2019, 20, 260-276.	1.0	8
11	Oceanographic and climatic evolution of the southeastern subtropical Atlantic over the last 3.5 Ma. Earth and Planetary Science Letters, 2018, 492, 12-21.	1.8	18
12	Distributions of geohopanoids in peat: Implications for the use of hopanoid-based proxies in natural archives. Geochimica Et Cosmochimica Acta, 2018, 224, 249-261.	1.6	50
13	Cordilleran ice-sheet growth fueled primary productivity in the Gulf of Alaska, northeast Pacific Ocean. Geology, 2018, 46, 307-310.	2.0	19
14	Palaeoclimate constraints on the impact of 2 Â°C anthropogenic warming and beyond. Nature Geoscience, 2018, 11, 474-485.	5.4	166
15	Lack of evidence for a substantial sea-level fluctuation within the Last Interglacial. Nature Geoscience, 2018, 11, 627-634.	5.4	47
16	A two-million-year-long hydroclimatic context for hominin evolution in southeastern Africa. Nature, 2018, 560, 76-79.	13.7	73
17	Carbon export from mountain forests enhanced by earthquake-triggered landslides over millennia. Nature Geoscience, 2018, 11, 772-776.	5.4	37
18	Introducing global peat-specific temperature and pH calibrations based on brGDGT bacterial lipids. Geochimica Et Cosmochimica Acta, 2017, 208, 285-301.	1.6	177

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19	Are spherulitic lacustrine carbonates an expression of large-scale mineral carbonation? A case study from the East Kirkton Limestone, Scotland. Gondwana Research, 2017, 48, 101-109.	3.0	21
20	Deglacial changes in flow and frontal structure through the Drake Passage. Earth and Planetary Science Letters, 2017, 474, 397-408.	1.8	30
21	Highly variable Pliocene sea surface conditions in the Norwegian Sea. Climate of the Past, 2017, 13, 1153-1168.	1.3	20
22	Towards a marine synthesis of late Pliocene climate variability. Past Global Change Magazine, 2017, 25, 117-117.	0.4	1
23	Mid Pleistocene foraminiferal mass extinction coupled with phytoplankton evolution. Nature Communications, 2016, 7, 11970.	5.8	16
24	Plioceneâ€Pleistocene evolution of sea surface and intermediate water temperatures from the southwest Pacific. Paleoceanography, 2016, 31, 895-913.	3.0	35
25	The Î´¹⁸O stratigraphy of the Hoxnian lacustrine sequence at Marks Tey, Essex, UK: implications for the climatic structure of MIS 11 in Britain. Journal of Quaternary Science, 2016, 31, 75-92.	1.1	21
26	Lowâ€frequency Pliocene climate variability in the eastern Nordic Seas. Paleoceanography, 2016, 31, 1154-1175.	3.0	12
27	Sea surface temperature variability in the Norwegian Sea during the late Pliocene linked to subpolar gyre strength and radiative forcing. Earth and Planetary Science Letters, 2016, 446, 113-122.	1.8	12
28	Origin and preservation of bacteriohopanepolyol signatures in Sphagnum peat from Bissendorfer Moor (Germany). Organic Geochemistry, 2016, 97, 95-110.	0.9	29
29	Variation in the diet of killer whales Orcinus orca at Marion Island, Southern Ocean. Marine Ecology - Progress Series, 2016, 549, 263-274.	0.9	20
30	Changing surface water conditions for the last 500â€‰ka in the Southeast Atlantic: Implications for variable influences of Agulhas leakage and Benguela upwelling. Paleoceanography, 2015, 30, 1153-1167.	3.0	30
31	A combined biogeochemical and palaeobotanical approach to study permafrost environments and past dynamics. Journal of Quaternary Science, 2015, 30, 189-200.	1.1	19
32	Antarctic Intermediate Water properties since 400 ka recorded in infaunal (Uvigerina peregrina) and epifaunal (Planulina wuellerstorfi) benthic foraminifera. Earth and Planetary Science Letters, 2015, 428, 193-203.	1.8	22
33	Preferential degradation of polyphenols from Sphagnum â€“ 4-Isopropenylphenol as a proxy for past hydrological conditions in Sphagnum-dominated peat. Geochimica Et Cosmochimica Acta, 2015, 150, 74-89.	1.6	43
34	Oceanographic variability on the West Antarctic Peninsula during the Holocene and the influence of upper circumpolar deep water. Quaternary Science Reviews, 2015, 119, 54-65.	1.4	51
35	Late Pliocene upwelling in the Southern Benguela region. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 429, 62-71.	1.0	19
36	Mid-Pleistocene climate transition drives net mass loss from rapidly uplifting St. Elias Mountains, Alaska. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15042-15047.	3.3	74

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37	Plant macrofossil and biomarker evidence of fenâ€“bog transition and associated changes in vegetation in two Finnish peatlands. Holocene, 2014, 24, 828-841.	0.9	10
38	Persistent warmth across the Benguela upwelling system during the Pliocene epoch. Earth and Planetary Science Letters, 2014, 386, 10-20.	1.8	30
39	Palaeoclimate reconstructions reveal a strong link between El NiÃ±o-Southern Oscillation and Tropical Pacific mean state. Nature Communications, 2013, 4, 2692.	5.8	68
40	The n-alkane and sterol composition of living fen plants as a potential tool for palaeoecological studies. Organic Geochemistry, 2013, 59, 1-9.	0.9	36
41	Pleistocene sea-surface temperature evolution: Early cooling, delayed glacial intensification, and implications for the mid-Pleistocene climate transition. Earth-Science Reviews, 2013, 123, 173-193.	4.0	149
42	On the identification of a Pliocene time slice for dataâ€“model comparison. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120515.	1.6	69
43	Interglacial intensity in the North Atlantic over the last 800â€‰000 years: investigating the complexity of the midâ€<scp>B</scp>runhes Event. Journal of Quaternary Science, 2013, 28, 343-348.	1.1	32
44	Silicic acid biogeochemistry in the Gulf of California: Insights from sedimentary Si isotopes. Paleoceanography, 2012, 27, .	3.0	31
45	Co-variation of crenarchaeol and branched GDGTs in globally-distributed marine and freshwater sedimentary archives. Global and Planetary Change, 2012, 92-93, 275-285.	1.6	41
46	Seaâ€surface temperature records of Termination 1 in the Gulf of California: Challenges for seasonal and interannual analogues of tropical Pacific climate change. Paleoceanography, 2012, 27, .	3.0	75
47	Archaeol as a methanogen biomarker in ombrotrophic bogs. Organic Geochemistry, 2011, 42, 1279-1287.	0.9	65
48	Pyrolysis GCâ€“MS as a rapid screening tool for determination of peat-forming plant composition in cores from ombrotrophic peat. Organic Geochemistry, 2011, 42, 1420-1435.	0.9	37
49	Alkenones and coccoliths in iceâ€rafted debris during the Last Glacial Maximum in the North Atlantic: implications for the use of U^K₃₇â€² as a sea surface temperature proxy. Journal of Quaternary Science, 2011, 26, 657-664.	1.1	11
50	Subpolar Link to the Emergence of the Modern Equatorial Pacific Cold Tongue. Science, 2010, 328, 1550-1553.	6.0	179
51	Atlantic overturning circulation and Agulhas leakage influences on southeast Atlantic upper ocean hydrography during marine isotope stage 11. Paleoceanography, 2010, 25, .	3.0	22
52	Conservative composition of n-alkane biomarkers in Sphagnum species: Implications for palaeoclimate reconstruction in ombrotrophic peat bogs. Organic Geochemistry, 2010, 41, 214-220.	0.9	117
53	Oceanic forcing of the Marine Isotope StageÂ11Âinterglacial. Nature Geoscience, 2009, 2, 428-433.	5.4	53
54	Expansion of subarctic water masses in the North Atlantic and Pacific oceans and implications for midâ€Pleistocene ice sheet growth. Paleoceanography, 2008, 23, .	3.0	62

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55	The disappearance of Sphagnum imbricatum from Butterburn Flow, UK. Holocene, 2008, 18, 991-1002.	0.9	44
56	Chapter Eleven Biomarkers as Paleoceanographic Proxies. Developments in Marine Geology, 2007, , 441-490.	0.4	9
57	Benefits of freeze-drying sediments for the analysis of total chlorins and alkenone concentrations in marine sediments. Organic Geochemistry, 2007, 38, 1002-1007.	0.9	18
58	Links between the onset of modern Walker circulation and the mid-Pleistocene climate transition. Geology, 2005, 33, 389.	2.0	90
59	Alkenone and coccolith records of the mid-Pleistocene in the south-east Atlantic: Implications for the U37Kâ€² index and South African climate. Quaternary Science Reviews, 2005, 24, 1559-1572.	1.4	48