

# H V McGregor

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

3,748  
citations

126907

33  
h-index

182427

51  
g-index

58  
all docs

58  
docs citations

58  
times ranked

5323  
citing authors

#	ARTICLE	IF	CITATIONS
1	A global multiproxy database for temperature reconstructions of the Common Era. <i>Scientific Data</i> , 2017, 4, 170088.	5.3	268
2	Early onset of industrial-era warming across the oceans and continents. <i>Nature</i> , 2016, 536, 411-418.	27.8	242
3	Rapid 20th-Century Increase in Coastal Upwelling off Northwest Africa. <i>Science</i> , 2007, 315, 637-639.	12.6	240
4	Higher frequency of Central Pacific El Niño events in recent decades relative to past centuries. <i>Nature Geoscience</i> , 2019, 12, 450-455.	12.9	192
5	Interlaboratory study for coral Sr/Ca and other element/Ca ratio measurements. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3730-3750.	2.5	183
6	Robust global ocean cooling trend for the pre-industrial Common Era. <i>Nature Geoscience</i> , 2015, 8, 671-677.	12.9	166
7	Climate variability over the last 35,000 years recorded in marine and terrestrial archives in the Australian region: an OZ-INTIMATE compilation. <i>Quaternary Science Reviews</i> , 2013, 74, 21-34.	3.0	162
8	Diagenesis and geochemistry of porites corals from Papua New Guinea. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 2147-2156.	3.9	155
9	Western Pacific coral $\delta^{18}O$ records of anomalous Holocene variability in the El Niño-Southern Oscillation. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	145
10	Palaeoenvironmental change in tropical Australasia over the last 30,000 years – a synthesis by the OZ-INTIMATE group. <i>Quaternary Science Reviews</i> , 2013, 74, 97-114.	3.0	142
11	Oscillations in the southern extent of the Indo-Pacific Warm Pool during the mid-Holocene. <i>Quaternary Science Reviews</i> , 2009, 28, 2794-2803.	3.0	120
12	Paleoclimate Data – Model Comparison and the Role of Climate Forcings over the Past 1500 Years*. <i>Journal of Climate</i> , 2013, 26, 6915-6936.	3.2	108
13	Vegetation change, goats, and religion: a 2000-year history of land use in southern Morocco. <i>Quaternary Science Reviews</i> , 2009, 28, 1434-1448.	3.0	107
14	Links between tropical Pacific seasonal, interannual and orbital variability during the Holocene. <i>Nature Geoscience</i> , 2016, 9, 168-173.	12.9	105
15	A weak El Niño/Southern Oscillation with delayed seasonal growth around 4,300 years ago. <i>Nature Geoscience</i> , 2013, 6, 949-953.	12.9	102
16	Climate change and Australia. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2014, 5, 175-197.	8.1	101
17	Response of the Great Barrier Reef to sea-level and environmental changes over the past 30,000 years. <i>Nature Geoscience</i> , 2018, 11, 426-432.	12.9	94
18	Indonesian Throughflow drove Australian climate from humid Pliocene to arid Pleistocene. <i>Geophysical Research Letters</i> , 2017, 44, 6914-6925.	4.0	83

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19	Mid-Pacific microatolls record sea-level stability over the past 5000 yr. <i>Geology</i> , 2012, 40, 951-954.	4.4	79
20	Quantifying $K$ , $U$ , and $T$ h contents of marine sediments using shipboard natural gamma radiation spectra measured on $DV$ JOIDES R resolution. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1053-1064.	2.5	74
21	Oxygen control on Holocene cold-water coral development in the eastern Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 62, 89-96.	1.4	72
22	Intensification of the meridional temperature gradient in the Great Barrier Reef following the Last Glacial Maximum. <i>Nature Communications</i> , 2014, 5, 4102.	12.8	72
23	Australian shelf sediments reveal shifts in Miocene Southern Hemisphere westerlies. <i>Science Advances</i> , 2017, 3, e1602567.	10.3	71
24	Mid-Holocene variability in the marine $^{14}C$ reservoir age for northern coastal Papua New Guinea. <i>Quaternary Geochronology</i> , 2008, 3, 213-225.	1.4	58
25	Using communities of practice to enhance interdisciplinary teaching: lessons from four Australian institutions. <i>Higher Education Research and Development</i> , 2014, 33, 341-354.	2.9	57
26	Copenhagen, Climate Science and the Emotional Geographies of Climate Change. <i>Australian Geographer</i> , 2010, 41, 159-166.	1.7	54
27	Oxygen isotope fractionation in the $CaCO_3$ -DIC- $H_2O$ system. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 214, 115-142.	3.9	51
28	Effects of environmental ageing on the static and cyclic bending properties of braided carbon fibre/PEEK bone plates. <i>Composites Part B: Engineering</i> , 2008, 39, 1216-1220.	12.0	44
29	Distributed leadership. <i>International Journal of Sustainability in Higher Education</i> , 2013, 15, 98-110.	3.1	39
30	Environmental control of the oxygen isotope composition of <i>Porites</i> coral microatolls. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 3930-3944.	3.9	38
31	Remanence acquisition efficiency in biogenic and detrital magnetite and recording of geomagnetic paleointensity. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1435-1450.	2.5	37
32	Mid-Holocene ENSO: Issues in quantitative model-proxy data comparisons. <i>Paleoceanography</i> , 2008, 23, .	3.0	36
33	Images of diagenetic textures in <i>Porites</i> corals from Papua New Guinea and Indonesia. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	34
34	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1570-1596.	2.9	30
35	Rapid U-series dating of young fossil corals by laser ablation MC-ICPMS. <i>Quaternary Geochronology</i> , 2011, 6, 195-206.	1.4	28
36	Dating Quaternary raised coral terraces along the Saudi Arabian Red Sea coast. <i>Marine Geology</i> , 2016, 374, 59-72.	2.1	26

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37	Equatorial Pacific coral geochemical records show recent weakening of the Walker Circulation. <i>Paleoceanography</i> , 2014, 29, 1031-1045.	3.0	24
38	Ostracod calcite records the 18O/16O ratio of the bicarbonate and carbonate ions in water. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 214, 30-50.	3.9	24
39	Quantifying errors in coral-based ENSO estimates: Toward improved forward modeling of $\delta^{18}O$ . <i>Paleoceanography</i> , 2013, 28, 633-649.	3.0	21
40	The enigma of rare Quaternary oolites in the Indian and Pacific Oceans: A result of global oceanographic physicochemical conditions or a sampling bias?. <i>Quaternary Science Reviews</i> , 2018, 200, 114-122.	3.0	20
41	Introduction to the special issue "Climate of the past 2000 years: regional and trans-regional syntheses". <i>Climate of the Past</i> , 2019, 15, 611-615.	3.4	10
42	Technical note: Open-paleo-data implementation pilot "the PAGES 2k special issue. <i>Climate of the Past</i> , 2018, 14, 593-600.	3.4	5
43	Coral Record of Younger Dryas Chronozone Warmth on the Great Barrier Reef. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003962.	2.9	5
44	High-resolution hyperspectral imaging of diagenesis and clays in fossil coral reef material: a nondestructive tool for improving environmental and climate reconstructions. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 3209-3230.	2.5	4
45	Regional climate goes global. <i>Nature Geoscience</i> , 2018, 11, 18-19.	12.9	4
46	Systematic ENSO-driven nutrient variability recorded by central equatorial Pacific corals. <i>Geophysical Research Letters</i> , 2013, 40, 3956-3961.	4.0	3
47	Evaluation of PMIP2 and PMIP3 simulations of mid-Holocene climate in the Indo-Pacific, Australasian and Southern Ocean regions. <i>Climate of the Past</i> , 2017, 13, 1661-1684.	3.4	2
48	Paleoclimate from Corals. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 777-785.	0.1	2
49	Internationalization of the Curriculum Through Student-Led Climate Change Teaching Activity. <i>Journal of Geoscience Education</i> , 2014, 62, 353-363.	1.4	2
50	Reply to comment by Karnauskas et al. on "Equatorial Pacific coral geochemical records show recent weakening of the Walker circulation". <i>Paleoceanography</i> , 2015, 30, 575-582.	3.0	0