

Andrew D Moy

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,463
citations

361413

20
h-index

345221

36
g-index

59
all docs

59
docs citations

59
times ranked

4187
citing authors

#	ARTICLE	IF	CITATIONS
1	Continental-scale temperature variability during the past two millennia. <i>Nature Geoscience</i> , 2013, 6, 339-346.	12.9	954
2	Reduced calcification in modern Southern Ocean planktonic foraminifera. <i>Nature Geoscience</i> , 2009, 2, 276-280.	12.9	278
3	Inter-hemispheric temperature variability over the past millennium. <i>Nature Climate Change</i> , 2014, 4, 362-367.	18.8	240
4	The last deglaciation: timing the bipolar seesaw. <i>Climate of the Past</i> , 2011, 7, 671-683.	3.4	122
5	An independently dated 2000-yr volcanic record from Law Dome, East Antarctica, including a new perspective on the dating of the 1450s CE eruption of Kuwae, Vanuatu. <i>Climate of the Past</i> , 2012, 8, 1929-1940.	3.4	110
6	A Millennial Proxy Record of ENSO and Eastern Australian Rainfall from the Law Dome Ice Core, East Antarctica. <i>Journal of Climate</i> , 2013, 26, 710-725.	3.2	78
7	A review of the Australian–New Zealand sector of the Southern Ocean over the last 30 kya (Aus-INTIMATE project). <i>Quaternary Science Reviews</i> , 2013, 74, 35-57.	3.0	77
8	Early Last Interglacial ocean warming drove substantial ice mass loss from Antarctica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3996-4006.	7.1	50
9	Southwest Pacific Ocean response to a warmer world: Insights from Marine Isotope Stage 5e. <i>Paleoceanography</i> , 2013, 28, 585-598.	3.0	38
10	Seasonal variability in the input of lead, barium and indium to Law Dome, Antarctica. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1-20.	3.9	35
11	An ice core derived 1013-year catchment-scale annual rainfall reconstruction in subtropical eastern Australia. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 1703-1717.	4.9	34
12	Antarctic ice sheet discharge driven by atmosphere-ocean feedbacks at the Last Glacial Termination. <i>Scientific Reports</i> , 2017, 7, 39979.	3.3	33
13	Interannual pteropod variability in sediment traps deployed above and below the aragonite saturation horizon in the Sub-Antarctic Southern Ocean. <i>Polar Biology</i> , 2011, 34, 1739-1750.	1.2	32
14	A 2000-year annual record of snow accumulation rates for Law Dome, East Antarctica. <i>Climate of the Past</i> , 2015, 11, 697-707.	3.4	30
15	Distribution, abundance and seasonal flux of pteropods in the Sub-Antarctic Zone. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 2293-2300.	1.4	27
16	Seasonality of halogen deposition in polar snow and ice. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9613-9622.	4.9	27
17	Late Quaternary palaeoceanography of the Circumpolar Deep Water from the South Tasman Rise. <i>Journal of Quaternary Science</i> , 2006, 21, 763-777.	2.1	26
18	Assessing the robustness of Antarctic temperature reconstructions over the past 2 millennia using pseudoproxy and data assimilation experiments. <i>Climate of the Past</i> , 2019, 15, 661-684.	3.4	21

#	ARTICLE	IF	CITATIONS
19	Southern Ocean carbon sink enhanced by sea-ice feedbacks at the Antarctic Cold Reversal. <i>Nature Geoscience</i> , 2020, 13, 489-497.	12.9	20
20	Optimal site selection for a high-resolution ice core record in East Antarctica. <i>Climate of the Past</i> , 2016, 12, 595-610.	3.4	20
21	Borehole temperatures reveal a changed energy budget at Mill Island, East Antarctica, over recent decades. <i>Cryosphere</i> , 2013, 7, 263-273.	3.9	16
22	Characterizing black carbon in rain and ice cores using coupled tangential flow filtration and transmission electron microscopy. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 3959-3969.	3.1	15
23	Varied contribution of the Southern Ocean to deglacial atmospheric CO ₂ rise. <i>Nature Geoscience</i> , 2019, 12, 1006-1011.	12.9	15
24	Snowfall and Water Stable Isotope Variability in East Antarctica Controlled by Warm Synoptic Events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032863.	3.3	15
25	Late Pleistocene and early Holocene change in the Weddell Sea: a new climate record from the Patriot Hills, Ellsworth Mountains, West Antarctica. <i>Journal of Quaternary Science</i> , 2013, 28, 697-704.	2.1	14
26	Diverse trends in shell weight of three Southern Ocean pteropod taxa collected with Polar Frontal Zone sediment traps from 1997 to 2007. <i>Polar Biology</i> , 2014, 37, 1445-1458.	1.2	14
27	Sea-ice-related halogen enrichment at Law Dome, coastal East Antarctica. <i>Climate of the Past</i> , 2017, 13, 171-184.	3.4	14
28	Brief communication: Organochlorine pesticides in an archived firn core from Law Dome, East Antarctica. <i>Cryosphere</i> , 2016, 10, 2533-2539.	3.9	11
29	Seasonal variations in the sources of natural and anthropogenic lead deposited at the East Rongbuk Glacier in the high-altitude Himalayas. <i>Science of the Total Environment</i> , 2014, 487, 407-419.	8.0	10
30	Pacific decadal variability over the last 2000 years and implications for climatic risk. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	10
31	Individual particle morphology, coatings, and impurities of black carbon aerosols in Antarctic ice and tropical rainfall. <i>Geophysical Research Letters</i> , 2016, 43, 11,875.	4.0	9
32	Tropical and mid-latitude forcing of continental Antarctic temperatures. <i>Cryosphere</i> , 2015, 9, 2405-2415.	3.9	7
33	El Niño Southern Oscillation signal in a new East Antarctic ice core, Mount Brown South. <i>Climate of the Past</i> , 2021, 17, 1795-1818.	3.4	6
34	A glaciochemical study of the 120-m ice core from Mill Island, East Antarctica. <i>Climate of the Past</i> , 2017, 13, 437-453.	3.4	5
35	2000 years of annual ice core data from Law Dome, East Antarctica. <i>Earth System Science Data</i> , 2022, 14, 3313-3328.	9.9	4
36	Integral correlation for uneven and differently sampled data, and its application to the Law Dome Antarctic climate record. <i>Scientific Reports</i> , 2020, 10, 17477.	3.3	3

#	ARTICLE	IF	CITATIONS
37	Enhanced Deposition of Atmospheric Soluble Iron by Intrusions of Marine Air Masses to East Antarctica. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	0