

Harry Dowsett

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88
papers

4,611
citations

39
h-index

67
g-index

127
ext. papers

5,030
ext. citations

5.1
avg, IF

5.18
L-index

#	Paper	IF	Citations
88	Past terrestrial hydroclimate sensitivity controlled by Earth system feedbacks.. <i>Nature Communications</i> , 2022 , 13, 1306	17.4	4
87	The Yorktown Formation: Improved Stratigraphy, Chronology, and Paleoclimate Interpretations from the U.S. Mid-Atlantic Coastal Plain. <i>Geosciences (Switzerland)</i> , 2021 , 11, 486	2.7	3
86	Biogeography and ecology of Ostracoda in the U.S. northern Bering, Chukchi, and Beaufort Seas. <i>PLoS ONE</i> , 2021 , 16, e0251164	3.7	4
85	MIOCENE NERITIC BENTHIC FORAMINIFERAL COMMUNITY DYNAMICS, CALVERT CLIFFS, MARYLAND, USA: SPECIES POOL, PATTERNS AND PROCESSES. <i>Palaios</i> , 2021 , 36, 247-259	1.6	1
84	The Pliocene Model Intercomparison Project Phase 2: large-scale climate features and climate sensitivity. <i>Climate of the Past</i> , 2020 , 16, 2095-2123	3.9	39
83	Evaluation of Arctic warming in mid-Pliocene climate simulations. <i>Climate of the Past</i> , 2020 , 16, 2325-2341	3.9	8
82	Speaking to the past. <i>Scientific Data</i> , 2020 , 7, 195	8.2	
81	Endless Forams: >34,000 Modern Planktonic Foraminiferal Images for Taxonomic Training and Automated Species Recognition Using Convolutional Neural Networks. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1157-1177	3.3	23
80	100-kyr Paced Climate Change in the Pliocene Warm Period, Southwest Pacific. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 524-545	3.3	9
79	The mid-Piacenzian of the North Atlantic Ocean. <i>Stratigraphy</i> , 2019 , 16, 119-144	1	11
78	Icebergs in the Nordic Seas Throughout the Late Pliocene. <i>Paleoceanography and Paleoclimatology</i> , 2018 , 33, 318-335	3.3	4
77	Emulation of long-term changes in global climate: application to the late Pliocene and future. <i>Climate of the Past</i> , 2017 , 13, 1539-1571	3.9	11
76	Sensitivity of Pliocene Arctic climate to orbital forcing, atmospheric CO2 and sea ice albedo parameterisation. <i>Earth and Planetary Science Letters</i> , 2016 , 441, 133-142	5.3	8
75	Integrating geological archives and climate models for the mid-Pliocene warm period. <i>Nature Communications</i> , 2016 , 7, 10646	17.4	109
74	The Pliocene Model Intercomparison Project (PlioMIP) Phase 2: scientific objectives and experimental design. <i>Climate of the Past</i> , 2016 , 12, 663-675	3.9	90
73	The PRISM4 (mid-Piacenzian) paleoenvironmental reconstruction. <i>Climate of the Past</i> , 2016 , 12, 1519-1538	3.9	95
72	Modelling the enigmatic Late Pliocene Glacial Event [Marine Isotope Stage M2. <i>Global and Planetary Change</i> , 2015 , 128, 47-60	4.2	47

71	A global planktic foraminifer census data set for the Pliocene ocean. <i>Scientific Data</i> , 2015 , 2, 150076	8.2	4
70	Can uncertainties in sea ice albedo reconcile patterns of data-model discord for the Pliocene and 20th/21st centuries?. <i>Geophysical Research Letters</i> , 2014 , 41, 2011-2018	4.9	9
69	Macroevolutionary consequences of profound climate change on niche evolution in marine molluscs over the past three million years. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281,	4.4	48
68	Late Pliocene lakes and soils: a global data set for the analysis of climate feedbacks in a warmer world. <i>Climate of the Past</i> , 2014 , 10, 167-180	3.9	40
67	Challenges in quantifying Pliocene terrestrial warming revealed by data-model discord. <i>Nature Climate Change</i> , 2013 , 3, 969-974	21.4	110
66	Simulations of the mid-Pliocene Warm Period using two versions of the NASA/GISS ModelE2-R Coupled Model. <i>Geoscientific Model Development</i> , 2013 , 6, 517-531	6.3	29
65	The PRISM (Pliocene palaeoclimate) reconstruction: time for a paradigm shift. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013 , 371, 20120524	3	30
64	Sea surface temperature of the mid-Piacenzian ocean: a data-model comparison. <i>Scientific Reports</i> , 2013 , 3, 2013	4.9	108
63	On the identification of a Pliocene time slice for data-model comparison. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013 , 371, 20120515	3	58
62	Large-scale features of Pliocene climate: results from the Pliocene Model Intercomparison Project. <i>Climate of the Past</i> , 2013 , 9, 191-209	3.9	237
61	Latitudinal species diversity gradient of marine zooplankton for the last three million years. <i>Ecology Letters</i> , 2012 , 15, 1174-9	10	64
60	Assessing confidence in Pliocene sea surface temperatures to evaluate predictive models. <i>Nature Climate Change</i> , 2012 , 2, 365-371	21.4	144
59	On the causes of mid-Pliocene warmth and polar amplification. <i>Earth and Planetary Science Letters</i> , 2012 , 321-322, 128-138	5.3	86
58	Climate model simulations of the mid-Pliocene: Earth's last great interval of global warmth. <i>Eos</i> , 2012 , 93, 18-18	1.5	
57	Simulations of the Mid-Pliocene Warm Period using the NASA/GISS ModelE2-R Earth System Model 2012 ,		5
56	Bathymetric controls on Pliocene North Atlantic and Arctic sea surface temperature and deepwater production. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 309, 92-97	2.9	54
55	Sea surface temperatures of the mid-Piacenzian Warm Period: A comparison of PRISM3 and HadCM3. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 309, 83-91	2.9	49
54	Sensitivity of Pliocene ice sheets to orbital forcing. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 309, 98-110	2.9	91

53	Quantifying Uncertainty in Model Predictions for the Pliocene (Plio-QUMP): Initial results. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 309, 128-140	2.9	15
52	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 2). <i>Geoscientific Model Development</i> , 2011 , 4, 571-577	6.3	134
51	Are there pre-Quaternary geological analogues for a future greenhouse warming?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011 , 369, 933-56	3	82
50	Earth system sensitivity inferred from Pliocene modelling and data. <i>Nature Geoscience</i> , 2010 , 3, 60-64	18.3	199
49	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 1). <i>Geoscientific Model Development</i> , 2010 , 3, 227-242	6.3	144
48	Pliocene three-dimensional global ocean temperature reconstruction. <i>Climate of the Past</i> , 2009 , 5, 769-783	12.0	120
47	Introduction. Pliocene climate, processes and problems. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 3-17	3	77
46	Mid-Pliocene equatorial Pacific sea surface temperature reconstruction: a multi-proxy perspective. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 109-25	3	90
45	Comparison of mid-Pliocene climate predictions produced by the HadAM3 and GCMAM3 General Circulation Models. <i>Global and Planetary Change</i> , 2009 , 66, 208-224	4.2	72
44	Impact of a permanent El Niño (El Padre) and Indian Ocean Dipole in warm Pliocene climates. <i>Paleoceanography</i> , 2009 , 24, n/a-n/a		24
43	Surface temperatures of the Mid-Pliocene North Atlantic Ocean: implications for future climate. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 69-84	3	55
42	Dedication: Prof. Bruce William Sellwood (1946-2007). <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 19-20	3	
41	Pliocene Role in Assessing Future Climate Impacts. <i>Eos</i> , 2008 , 89, 501	1.5	44
40	Reevaluation of mid-Pliocene North Atlantic sea surface temperatures. <i>Paleoceanography</i> , 2008 , 23, n/a-n/a		54
39	Mid-Pliocene planktic foraminifer assemblage of the North Atlantic Ocean. <i>Micropaleontology</i> , 2007 , 53, 105-126	2	18
38	Faunal re-evaluation of Mid-Pliocene conditions in the western equatorial Pacific. <i>Micropaleontology</i> , 2007 , 53, 447-456	2	22
37	Middle Pliocene sea surface temperature variability. <i>Paleoceanography</i> , 2005 , 20, n/a-n/a		50
36	Mid-Pliocene deep-sea bottom-water temperatures based on ostracode Mg/Ca ratios. <i>Marine Micropaleontology</i> , 2005 , 54, 249-261	1.7	36

35	Millennial- to century-scale variability in Gulf of Mexico Holocene climate records. <i>Paleoceanography</i> , 2003 , 18, n/a-n/a		88
34	Climate variability from the Florida Bay sedimentary record: possible teleconnections to ENSO, PNA and CNP. <i>Climate Research</i> , 2002 , 19, 233-245	1.6	39
33	Pleistocene reduction of polar ice caps: Evidence from Cariaco Basin marine sediments. <i>Geology</i> , 2001 , 29, 71	5	15
32	Reconstructing late Quaternary deep-water masses in the eastern Arctic Ocean using benthonic Ostracoda. <i>Marine Micropaleontology</i> , 1999 , 37, 251-272	1.7	29
31	Middle Pliocene sea surface temperatures: a global reconstruction. <i>Marine Micropaleontology</i> , 1996 , 27, 13-25	1.7	214
30	Southeast Atlantic marine and terrestrial response to middle Pliocene climate change. <i>Marine Micropaleontology</i> , 1996 , 27, 181-193	1.7	20
29	Joint investigations of the Middle Pliocene climate I: PRISM paleoenvironmental reconstructions. <i>Global and Planetary Change</i> , 1994 , 9, 169-195	4.2	165
28	Micropaleontological evidence for increased meridional heat transport in the north atlantic ocean during the pliocene. <i>Science</i> , 1992 , 258, 1133-5	33.3	170
27	Planktonic Foraminiferal Assemblage of the Yorktown Formation, Virginia, USA. <i>Micropaleontology</i> , 1992 , 38, 75	2	24
26	Closure of the Isthmus of Panama: The near-shore marine record of Costa Rica and western Panama. <i>Bulletin of the Geological Society of America</i> , 1992 , 104, 814-828	3.9	336
25	Graphic correlation of deep sea and shallow marine deposits from the Central American Isthmus region: implications for Late Neogene paleoclimatology. <i>The Paleontological Society Special Publications</i> , 1992 , 6, 88-88		
24	High resolution late Pliocene sea-surface temperature record from the northeast Atlantic Ocean. <i>Marine Micropaleontology</i> , 1992 , 20, 91-105	1.7	11
23	Pliocene sea surface temperatures of the north atlantic ocean at 3.0 Ma. <i>Quaternary Science Reviews</i> , 1991 , 10, 189-204	3.9	93
22	The Development of a Long-Range Foraminifer Transfer Function and Application to Late Pleistocene North Atlantic Climatic Extremes. <i>Paleoceanography</i> , 1991 , 6, 259-273		23
21	A new planktic foraminifer transfer function for estimating pliocene-Holocene paleoceanographic conditions in the North Atlantic. <i>Marine Micropaleontology</i> , 1990 , 16, 1-23	1.7	65
20	A quantitative micropaleontologic method for shallow marine peleclocimatology: Application to Pliocene deposits of the western North Atlantic Ocean. <i>Marine Micropaleontology</i> , 1990 , 16, 117-147	1.7	63
19	High eustatic sea level during the middle Pliocene: Evidence from the southeastern U.S. Atlantic Coastal Plain. <i>Geology</i> , 1990 , 18, 435	5	171
18	Application of the Graphic Correlation method to Pliocene marine sequences. <i>Marine Micropaleontology</i> , 1989 , 14, 3-32	1.7	36

17	Improved Dating of the Pliocene of the Eastern South Atlantic Using Graphic Correlation: Implications for Paleobiogeography and Paleoceanography. <i>Micropaleontology</i> , 1989 , 35, 279	2	13
16	Diachrony of Late Neogene microfossils in the southwest Pacific Ocean: Application of the graphic correlation method. <i>Paleoceanography</i> , 1988 , 3, 209-222		50
15	Documentation of the foraminiferal Santonian-Campanian boundary in the northeastern Gulf of Mexico. <i>Journal of Foraminiferal Research</i> , 1984 , 14, 129-133	1.1	7
14	Bracketing mid-pliocene sea surface temperature: maximum and minimum possible warming. <i>Data Series</i> ,		2
13	PRISM3 DOT1 Atlantic Basin Reconstruction. <i>Data Series</i> ,		3
12	Mid-Pliocene Planktic Foraminifer Census Data from Ocean Drilling Program Hole 847C. <i>Data Series</i> ,		2
11	Mid-Pliocene Planktic Foraminifer Census Data from Ocean Drilling Program Hole 1237C. <i>Data Series</i> ,		2
10	Mid-Pliocene Planktic Foraminifer Census Data and Alkenone Unsaturation Indices from Ocean Drilling Program Hole 677A. <i>Data Series</i> ,		2
9	PRISM3/GISS Topographic Reconstruction. <i>Data Series</i> ,		58
8	Gulf of Mexico planktic foraminifer transfer function GOM2: preliminary report. <i>US Geological Survey Open-File Report</i> ,		2
7	Gulf of Mexico planktic foraminifer core-top calibration data set. <i>US Geological Survey Open-File Report</i> ,		3
6	Pliocene planktonic foraminifer census data from Deep Sea Drilling Project holes 366A, 410, 606, and 646B. <i>US Geological Survey Open-File Report</i> ,		2
5	A return to large-scale features of Pliocene climate: the Pliocene Model Intercomparison Project Phase 2		5
4	Pliocene Model Intercomparison (PlioMIP) Phase 2: scientific objectives and experimental design		5
3	Pliocene three-dimensional global ocean temperature reconstruction		7
2	Late Pliocene lakes and soils: a data [model comparison for the analysis of climate feedbacks in a warmer world		2
1	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 1)		2