

Harry Dowsett

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8130695/harry-dowsett-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
87	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
86	Middle Pliocene sea surface temperatures: a global reconstruction. <i>Marine Micropaleontology</i> , 1996 , 27, 13-25	1.7	214
85	Earth system sensitivity inferred from Pliocene modelling and data. <i>Nature Geoscience</i> , 2010 , 3, 60-64	18.3	199
84	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
83	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
82	Joint investigations of the Middle Pliocene climate I: PRISM paleoenvironmental reconstructions. <i>Global and Planetary Change</i> , 1994 , 9, 169-195	4.2	165
81	Assessing confidence in Pliocene sea surface temperatures to evaluate predictive models. <i>Nature Climate Change</i> , 2012 , 2, 365-371	21.4	144
80	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 1). <i>Geoscientific Model Development</i> , 2010 , 3, 227-242	6.3	144
79	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 2). <i>Geoscientific Model Development</i> , 2011 , 4, 571-577	6.3	134
78	Pliocene three-dimensional global ocean temperature reconstruction. <i>Climate of the Past</i> , 2009 , 5, 769-783	3.3	120
77	Challenges in quantifying Pliocene terrestrial warming revealed by data-model discord. <i>Nature Climate Change</i> , 2013 , 3, 969-974	21.4	110
76	Integrating geological archives and climate models for the mid-Pliocene warm period. <i>Nature Communications</i> , 2016 , 7, 10646	17.4	109
75	Sea surface temperature of the mid-Piacenzian ocean: a data-model comparison. <i>Scientific Reports</i> , 2013 , 3, 2013	4.9	108
74	The PRISM4 (mid-Piacenzian) paleoenvironmental reconstruction. <i>Climate of the Past</i> , 2016 , 12, 1519-1538	3.8	95
73	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
72	Sensitivity of Pliocene ice sheets to orbital forcing. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 309, 98-110	2.9	91

71	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
70	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
69	Millennial- to century-scale variability in Gulf of Mexico Holocene climate records. <i>Paleoceanography</i> , 2003 , 18, n/a-n/a		88
68	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
67	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
66	Introduction. Pliocene climate, processes and problems. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 3-17	3	77
65	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
64	A new planktic foraminifer transfer function for estimating plioceneHolocene paleoceanographic conditions in the North Atlantic. <i>Marine Micropaleontology</i> , 1990 , 16, 1-23	1.7	65
63	Latitudinal species diversity gradient of marine zooplankton for the last three million years. <i>Ecology Letters</i> , 2012 , 15, 1174-9	10	64
62	A quantitative micropaleontologic method for shallow marine pelecloclimatology: Application to Pliocene deposits of the western North Atlantic Ocean. <i>Marine Micropaleontology</i> , 1990 , 16, 117-147	1.7	63
61	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
60	PRISM3/GISS Topographic Reconstruction. <i>Data Series</i> ,		58
59	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
58	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
57	Reevaluation of mid-Pliocene North Atlantic sea surface temperatures. <i>Paleoceanography</i> , 2008 , 23, n/a-n/a		54
56	Middle Pliocene sea surface temperature variability. <i>Paleoceanography</i> , 2005 , 20, n/a-n/a		50
55	Diachrony of Late Neogene microfossils in the southwest Pacific Ocean: Application of the graphic correlation method. <i>Paleoceanography</i> , 1988 , 3, 209-222		50
54	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

53	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
52	Modelling the enigmatic Late Pliocene Glacial Event [Marine Isotope Stage M2. <i>Global and Planetary Change</i> , 2015 , 128, 47-60	4.2	47
51	Pliocene Role in Assessing Future Climate Impacts. <i>Eos</i> , 2008 , 89, 501	1.5	44
50	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
49	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
48	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
47	Mid-Pliocene deep-sea bottom-water temperatures based on ostracode Mg/Ca ratios. <i>Marine Micropaleontology</i> , 2005 , 54, 249-261	1.7	36
46	Application of the Graphic Correlation method to Pliocene marine sequences. <i>Marine Micropaleontology</i> , 1989 , 14, 3-32	1.7	36
45	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
44	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
43	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
42	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
41	Planktonic Foraminiferal Assemblage of the Yorktown Formation, Virginia, USA. <i>Micropaleontology</i> , 1992 , 38, 75	2	24
40	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
39	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
38	Faunal re-evaluation of Mid-Pliocene conditions in the western equatorial Pacific. <i>Micropaleontology</i> , 2007 , 53, 447-456	2	22
37	Southeast Atlantic marine and terrestrial response to middle Pliocene climate change. <i>Marine Micropaleontology</i> , 1996 , 27, 181-193	1.7	20
36	Mid-Pliocene planktic foraminifer assemblage of the North Atlantic Ocean. <i>Micropaleontology</i> , 2007 , 53, 105-126	2	18

35	Quantifying Uncertainty in Model Predictions for the Pliocene (Plio-QUMP): Initial results. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 309, 128-140	2.9	15
34	Pleistocene reduction of polar ice caps: Evidence from Cariaco Basin marine sediments. <i>Geology</i> , 2001 , 29, 71	5	15
33	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
32	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
31	High resolution late Pliocene sea-surface temperature record from the northeast Atlantic Ocean. <i>Marine Micropaleontology</i> , 1992 , 20, 91-105	1.7	11
30	The mid-Piacenzian of the North Atlantic Ocean. <i>Stratigraphy</i> , 2019 , 16, 119-144	1	11
29	100-kyr Paced Climate Change in the Pliocene Warm Period, Southwest Pacific. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 524-545	3.3	9
28	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
27	Sensitivity of Pliocene Arctic climate to orbital forcing, atmospheric CO ₂ and sea ice albedo parameterisation. <i>Earth and Planetary Science Letters</i> , 2016 , 441, 133-142	5.3	8
26	Evaluation of Arctic warming in mid-Pliocene climate simulations. <i>Climate of the Past</i> , 2020 , 16, 2325-2341	4.9	8
25	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
24	Pliocene three-dimensional global ocean temperature reconstruction		7
23	Simulations of the Mid-Pliocene Warm Period using the NASA/GISS ModelE2-R Earth System Model 2012 ,		5
22	A return to large-scale features of Pliocene climate: the Pliocene Model Intercomparison Project Phase 2		5
21	Pliocene Model Intercomparison (PlioMIP) Phase 2: scientific objectives and experimental design		5
20	Icebergs in the Nordic Seas Throughout the Late Pliocene. <i>Paleoceanography and Paleoclimatology</i> , 2018 , 33, 318-335	3.3	4
19	A global planktic foraminifer census data set for the Pliocene ocean. <i>Scientific Data</i> , 2015 , 2, 150076	8.2	4
18	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

17	Past terrestrial hydroclimate sensitivity controlled by Earth system feedbacks.. <i>Nature Communications</i> , 2022 , 13, 1306	17.4	4
16	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
15	PRISM3 DOT1 Atlantic Basin Reconstruction. <i>Data Series</i> ,		3
14	Gulf of Mexico planktic foraminifer core-top calibration data set. <i>US Geological Survey Open-File Report</i> ,		3
13	Bracketing mid-pliocene sea surface temperature: maximum and minimum possible warming. <i>Data Series</i> ,		2
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	Gulf of Mexico planktic foraminifer transfer function GOM2: preliminary report. <i>US Geological Survey Open-File Report</i> ,		2
8	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
7	Late Pliocene lakes and soils: a data-model comparison for the analysis of climate feedbacks in a warmer world		2
6	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 1)		2
5	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
4	Climate model simulations of the mid-Pliocene: Earth's last great interval of global warmth. <i>Eos</i> , 2012 , 93, 18-18	1.5	
3	Dedication: Prof. Bruce William Sellwood (1946-2007). <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 19-20		3
2	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		
1	Speaking to the past. <i>Scientific Data</i> , 2020 , 7, 195	8.2	