

# Aisling Margaret Dolan

## 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.

39  
papers

2,037  
citations

23  
h-index

45  
g-index

54  
ext. papers

2,327  
ext. citations

6.2  
avg, IF

4.28  
L-index

#	Paper	IF	Citations
39	Antarctic environmental change and ice sheet evolution through the Miocene to Pliocene: a perspective from the Ross Sea and George V to Wilkes Land Coasts <b>2022</b> , 389-521		2
38	Warm fjords and vegetated landscapes in early Pliocene East Antarctica. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 534, 116045	5.3	4
37	The Pliocene Model Intercomparison Project Phase 2: large-scale climate features and climate sensitivity. <i>Climate of the Past</i> , <b>2020</b> , 16, 2095-2123	3.9	39
36	Modelling ice sheet evolution and atmospheric CO <sub>2</sub> during the Late Pliocene. <i>Climate of the Past</i> , <b>2019</b> , 15, 1603-1619	3.9	10
35	What can Palaeoclimate Modelling do for you?. <i>Earth Systems and Environment</i> , <b>2019</b> , 3, 1-18	7.5	23
34	The HadCM3 contribution to PlioMIP phase 2. <i>Climate of the Past</i> , <b>2019</b> , 15, 1691-1713	3.9	16
33	Icebergs in the Nordic Seas Throughout the Late Pliocene. <i>Paleoceanography and Paleoclimatology</i> , <b>2018</b> , 33, 318-335	3.3	4
32	High climate model dependency of Pliocene Antarctic ice-sheet predictions. <i>Nature Communications</i> , <b>2018</b> , 9, 2799	17.4	14
31	The PMIP4 contribution to CMIP6 [Part 1: Overview and over-arching analysis plan. <i>Geoscientific Model Development</i> , <b>2018</b> , 11, 1033-1057	6.3	106
30	The Transient Response of Ice Volume to Orbital Forcing During the Warm Late Pliocene. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 10,486-10,494	4.9	10
29	Integrating geological archives and climate models for the mid-Pliocene warm period. <i>Nature Communications</i> , <b>2016</b> , 7, 10646	17.4	109
28	The Pliocene Model Intercomparison Project (PlioMIP) Phase 2: scientific objectives and experimental design. <i>Climate of the Past</i> , <b>2016</b> , 12, 663-675	3.9	90
27	PMIP4-CMIP6: the contribution of the Paleoclimate Modelling Intercomparison Project to CMIP6 <b>2016</b> ,		17
26	The PRISM4 (mid-Piacenzian) paleoenvironmental reconstruction. <i>Climate of the Past</i> , <b>2016</b> , 12, 1519-1538	3.9	95
25	Modelling the enigmatic Late Pliocene Glacial Event [Marine Isotope Stage M2. <i>Global and Planetary Change</i> , <b>2015</b> , 128, 47-60	4.2	47
24	Simulating the Antarctic ice sheet in the late-Pliocene warm period: PLISMIP-ANT, an ice-sheet model intercomparison project. <i>Cryosphere</i> , <b>2015</b> , 9, 881-903	5.5	54
23	Using results from the PlioMIP ensemble to investigate the Greenland Ice Sheet during the mid-Pliocene Warm Period. <i>Climate of the Past</i> , <b>2015</b> , 11, 403-424	3.9	29

22	Ice sheet model dependency of the simulated Greenland Ice Sheet in the mid-Pliocene. <i>Climate of the Past</i> , <b>2015</b> , 11, 369-381	3.9	29
21	Can uncertainties in sea ice albedo reconcile patterns of data-model discord for the Pliocene and 20th/21st centuries?. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 2011-2018	4.9	9
20	Sea surface temperature control on the distribution of far-traveled Southern Ocean ice-rafted detritus during the Pliocene. <i>Paleoceanography</i> , <b>2014</b> , 29, 533-548		27
19	Assessing orbitally-forced interglacial climate variability during the mid-Pliocene Warm Period. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 400, 261-271	5.3	52
18	Challenges in quantifying Pliocene terrestrial warming revealed by data-model discord. <i>Nature Climate Change</i> , <b>2013</b> , 3, 969-974	21.4	110
17	Sea surface temperature of the mid-Piacenzian ocean: a data-model comparison. <i>Scientific Reports</i> , <b>2013</b> , 3, 2013	4.9	108
16	On the identification of a Pliocene time slice for data-model comparison. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2013</b> , 371, 20120515	3	58
15	Mid-Pliocene East Asian monsoon climate simulated in the PlioMIP. <i>Climate of the Past</i> , <b>2013</b> , 9, 2085-2099	3.9	49
14	Large-scale features of Pliocene climate: results from the Pliocene Model Intercomparison Project. <i>Climate of the Past</i> , <b>2013</b> , 9, 191-209	3.9	237
13	Mid-pliocene Atlantic Meridional Overturning Circulation not unlike modern. <i>Climate of the Past</i> , <b>2013</b> , 9, 1495-1504	3.9	48
12	Assessing confidence in Pliocene sea surface temperatures to evaluate predictive models. <i>Nature Climate Change</i> , <b>2012</b> , 2, 365-371	21.4	144
11	Climate model simulations of the mid-Pliocene: Earth's last great interval of global warmth. <i>Eos</i> , <b>2012</b> , 93, 18-18	1.5	
10	Pliocene Ice Sheet Modelling Intercomparison Project (PLISMIP) Experimental design. <i>Geoscientific Model Development</i> , <b>2012</b> , 5, 963-974	6.3	24
9	Sensitivity of Pliocene ice sheets to orbital forcing. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2011</b> , 309, 98-110	2.9	91
8	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 2). <i>Geoscientific Model Development</i> , <b>2011</b> , 4, 571-577	6.3	134
7	Are there pre-Quaternary geological analogues for a future greenhouse warming?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2011</b> , 369, 933-56	3	82
6	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 1). <i>Geoscientific Model Development</i> , <b>2010</b> , 3, 227-242	6.3	144
5	A return to large-scale features of Pliocene climate: the Pliocene Model Intercomparison Project Phase 2		5

4	Greenland Ice Sheet sensitivity and sea level contribution in the mid-Pliocene warm period □ Pliocene Ice Sheet Model Intercomparison Project PLISMIP	4
3	Pliocene Model Intercomparison (PlioMIP) Phase 2: scientific objectives and experimental design	5
2	Simulating the Antarctic ice sheet in the Late-Pliocene warm period: PLISMIP-ANT, an ice-sheet model intercomparison project	2
1	Using results from the PlioMIP ensemble to investigate the Greenland Ice Sheet during the warm Pliocene	2