

Aisling Margaret Dolan

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,616
citations

257101

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414034

32
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54
all docs

54
docs citations

54
times ranked

2512
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale features of Pliocene climate: results from the Pliocene Model Intercomparison Project. <i>Climate of the Past</i> , 2013, 9, 191-209.	1.3	289
2	Assessing confidence in Pliocene sea surface temperatures to evaluate predictive models. <i>Nature Climate Change</i> , 2012, 2, 365-371.	8.1	171
3	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 1). <i>Geoscientific Model Development</i> , 2010, 3, 227-242.	1.3	168
4	The PMIP4 contribution to CMIP6 – Part 1: Overview and over-arching analysis plan. <i>Geoscientific Model Development</i> , 2018, 11, 1033-1057.	1.3	164
5	Pliocene Model Intercomparison Project (PlioMIP): experimental design and boundary conditions (Experiment 2). <i>Geoscientific Model Development</i> , 2011, 4, 571-577.	1.3	151
6	Integrating geological archives and climate models for the mid-Pliocene warm period. <i>Nature Communications</i> , 2016, 7, 10646.	5.8	150
7	The PRISM4 (mid-Piacenzian) paleoenvironmental reconstruction. <i>Climate of the Past</i> , 2016, 12, 1519-1538.	1.3	143
8	Challenges in quantifying Pliocene terrestrial warming revealed by data-model discord. <i>Nature Climate Change</i> , 2013, 3, 969-974.	8.1	132
9	Sea Surface Temperature of the mid-Piacenzian Ocean: A Data-Model Comparison. <i>Scientific Reports</i> , 2013, 3, 2013.	1.6	124
10	The Pliocene Model Intercomparison Project (PlioMIP) Phase 2: scientific objectives and experimental design. <i>Climate of the Past</i> , 2016, 12, 663-675.	1.3	119
11	Sensitivity of Pliocene ice sheets to orbital forcing. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 309, 98-110.	1.0	106
12	The Pliocene Model Intercomparison Project Phase 2: large-scale climate features and climate sensitivity. <i>Climate of the Past</i> , 2020, 16, 2095-2123.	1.3	93
13	Are there pre-Quaternary geological analogues for a future greenhouse warming?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 933-956.	1.6	88
14	Modelling the enigmatic Late Pliocene Glacial Event – Marine Isotope Stage M2. <i>Global and Planetary Change</i> , 2015, 128, 47-60.	1.6	79
15	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.	1.6	69
16	Simulating the Antarctic ice sheet in the late-Pliocene warm period: PLISMIP-ANT, an ice-sheet model intercomparison project. <i>Cryosphere</i> , 2015, 9, 881-903.	1.5	61
17	Mid-Pliocene East Asian monsoon climate simulated in the PlioMIP. <i>Climate of the Past</i> , 2013, 9, 2085-2099.	1.3	60
18	Assessing orbitally-forced interglacial climate variability during the mid-Pliocene Warm Period. <i>Earth and Planetary Science Letters</i> , 2014, 400, 261-271.	1.8	58

#	ARTICLE	IF	CITATIONS
19	Mid-pliocene Atlantic Meridional Overturning Circulation not unlike modern. <i>Climate of the Past</i> , 2013, 9, 1495-1504.	1.3	50
20	What can Palaeoclimate Modelling do for you?. <i>Earth Systems and Environment</i> , 2019, 3, 1-18.	3.0	47
21	Ice sheet model dependency of the simulated Greenland Ice Sheet in the mid-Pliocene. <i>Climate of the Past</i> , 2015, 11, 369-381.	1.3	38
22	Sea surface temperature control on the distribution of far-traveled Southern Ocean ice-rafted detritus during the Pliocene. <i>Paleoceanography</i> , 2014, 29, 533-548.	3.0	36
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> , 2015, 11, 403-424.	1.3	35
24	The HadCM3 contribution to PlioMIP phase 2. <i>Climate of the Past</i> , 2019, 15, 1691-1713.	1.3	31
25	Pliocene Ice Sheet Modelling Intercomparison Project (PLISMIP) – experimental design. <i>Geoscientific Model Development</i> , 2012, 5, 963-974.	1.3	27
26	High climate model dependency of Pliocene Antarctic ice-sheet predictions. <i>Nature Communications</i> , 2018, 9, 2799.	5.8	21
27	Modelling ice sheet evolution and atmospheric CO ₂ during the Late Pliocene. <i>Climate of the Past</i> , 2019, 15, 1603-1619.	1.3	18
28	The Transient Response of Ice Volume to Orbital Forcing During the Warm Late Pliocene. <i>Geophysical Research Letters</i> , 2017, 44, 10,486.	1.5	14
29	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.	1.5	9
30	Warm fjords and vegetated landscapes in early Pliocene East Antarctica. <i>Earth and Planetary Science Letters</i> , 2020, 534, 116045.	1.8	7
31	The warm winter paradox in the Pliocene northern high latitudes. <i>Climate of the Past</i> , 2022, 18, 1385-1405.	1.3	6
32	Icebergs in the Nordic Seas Throughout the Late Pliocene. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 318-335.	1.3	5
33	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. , 2022, , 389-521.		5
34	Climate model simulations of the mid-Pliocene: Earth's last great interval of global warmth. <i>Eos</i> , 2012, 93, 18-18.	0.1	0