

Agatha De Boer

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,884
citations

279798

23
h-index

289244

40
g-index

45
all docs

45
docs citations

45
times ranked

2544
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Eocene Ocean Meridional Overturning Circulation: The Roles of Atmospheric Forcing and Strait Geometry. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	11
2	African Hydroclimate During the Early Eocene From the DeepMIP Simulations. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	3
3	The Miocene: The Future of the Past. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004037.	2.9	166
4	The Eocene–Oligocene transition: a review of marine and terrestrial proxy data, models and model–data comparisons. <i>Climate of the Past</i> , 2021, 17, 269-315.	3.4	90
5	DeepMIP: model intercomparison of early Eocene climatic optimum (EECO) large-scale climate features and comparison with proxy data. <i>Climate of the Past</i> , 2021, 17, 203-227.	3.4	71
6	Hydrological impact of Middle Miocene Antarctic ice-free areas coupled to deep ocean temperatures. <i>Nature Geoscience</i> , 2021, 14, 429-436.	12.9	16
7	Simulating Miocene Warmth: Insights From an Opportunistic Multi-Model Ensemble (MioMIP1). <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004054.	2.9	52
8	Global mean surface temperature and climate sensitivity of the early Eocene Climatic Optimum (EECO), Paleocene–Eocene Thermal Maximum (PETM), and latest Paleocene. <i>Climate of the Past</i> , 2020, 16, 1953-1968.	3.4	71
9	Export of nutrient rich Northern Component Water preceded early Oligocene Antarctic glaciation. <i>Nature Geoscience</i> , 2018, 11, 190-196.	12.9	67
10	Atlantic-Pacific Asymmetry in Deep Water Formation. <i>Annual Review of Earth and Planetary Sciences</i> , 2018, 46, 327-352.	11.0	68
11	Climate sensitivity and meridional overturning circulation in the late Eocene using GFDL CM2.1. <i>Climate of the Past</i> , 2018, 14, 789-810.	3.4	49
12	Interconnectivity Between Volume Transports Through Arctic Straits. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8714-8729.	2.6	10
13	Post-glacial flooding of the Bering Land Bridge dated to 11 ± cal ka BP based on new geophysical and sediment records. <i>Climate of the Past</i> , 2017, 13, 991-1005.	3.4	85
14	Sea ice led to poleward-shifted winds at the Last Glacial Maximum: the influence of state dependency on CMIP5 and PMIP3 models. <i>Climate of the Past</i> , 2016, 12, 2241-2253.	3.4	37
15	Response to: Comment on “Synchronous records of pCO ₂ and δ ¹⁴ C suggest rapid, ocean-derived pCO ₂ fluctuations at the onset of Younger Dryas” (Steinthorsdottir et al., 2014, <i>Quaternary Science Reviews</i>) Tj ETQq 13.10.7843d4 rgBT		
16	Inferring source regions and supply mechanisms of iron in the Southern Ocean from satellite chlorophyll data. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 104, 9-25.	1.4	61
17	Control of the glacial carbon budget by topographically induced mixing. <i>Geophysical Research Letters</i> , 2014, 41, 4277-4284.	4.0	19
18	Spatial and Temporal Scales of Sverdrup Balance*. <i>Journal of Physical Oceanography</i> , 2014, 44, 2644-2660.	1.7	38

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19	Synchronous records of pCO ₂ and δ ¹⁴ C suggest rapid, ocean-derived pCO ₂ fluctuations at the onset of Younger Dryas. <i>Quaternary Science Reviews</i> , 2014, 99, 84-96.	3.0	26
20	Measurements of total alkalinity and inorganic dissolved carbon in the Atlantic Ocean and adjacent Southern Ocean between 2008 and 2010. <i>Earth System Science Data</i> , 2014, 6, 175-183.	9.9	3
21	Southern Hemisphere westerly wind changes during the Last Glacial Maximum: paleo-data synthesis. <i>Quaternary Science Reviews</i> , 2013, 68, 76-95.	3.0	238
22	Southern Hemisphere westerly wind changes during the Last Glacial Maximum: model-data comparison. <i>Quaternary Science Reviews</i> , 2013, 64, 104-120.	3.0	121
23	The control of the Southern Hemisphere Westerlies on the position of the Subtropical Front. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 5669-5675.	2.6	48
24	The Dynamical Subtropical Front. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 5676-5685.	2.6	57
25	Processes driving thunderstorms over the Agulhas Current. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 2220-2228.	3.3	6
26	Upper ocean manifestations of a reducing meridional overturning circulation. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	15
27	Southern Ocean fronts: Controlled by wind or topography?. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	80
28	Meridional Density Gradients Do Not Control the Atlantic Overturning Circulation. <i>Journal of Physical Oceanography</i> , 2010, 40, 368-380.	1.7	54
29	Sea change. <i>Nature Geoscience</i> , 2010, 3, 668-669.	12.9	2
30	A multi-variable box model approach to the soft tissue carbon pump. <i>Climate of the Past</i> , 2010, 6, 827-841.	3.4	11
31	Atlantic Dominance of the Meridional Overturning Circulation. <i>Journal of Physical Oceanography</i> , 2008, 38, 435-450.	1.7	55
32	A simple theory of the pycnocline and overturning revisited. <i>Geophysical Monograph Series</i> , 2007, , 19-32.	0.1	14
33	Does the Atlantic meridional overturning cell really have more than one stable steady state?. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 2005-2021.	1.4	20
34	Antarctic stratification, atmospheric water vapor, and Heinrich Events: A hypothesis for Late Pleistocene deglaciations. <i>Geophysical Monograph Series</i> , 2007, , 335-349.	0.1	14
35	Effect of global ocean temperature change on deep ocean ventilation. <i>Paleoceanography</i> , 2007, 22, .	3.0	59
36	Inferring the zonal distribution of measured changes in the meridional overturning circulation. <i>Ocean Science</i> , 2007, 3, 55-57.	3.4	7

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37	The island wind-buoyancy connection. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005, 57, 783-797.	1.7	3
38	The island windâ€™buoyancy connection. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005, 57, 783-797.	1.7	0
39	The Bering Strait's grip on the northern hemisphere climate. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 1347-1366.	1.4	67
40	The Exhaust Valve of the North Atlantic. <i>Journal of Climate</i> , 2004, 17, 417-422.	3.2	54
41	From the Southern Ocean to the North Atlantic in the Ekman Layer?. <i>Bulletin of the American Meteorological Society</i> , 2004, 85, 79-88.	3.3	9
42	Would Title IX Help Women in Science?. <i>Science</i> , 2002, 298, 1891-1892.	12.6	0