Agatha De Boer

List of Publications by Year
in descending order

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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	Southern Hemisphere westerly wind changes during the Last Glacial Maximum: paleo-data synthesis. Quaternary Science Reviews, 2013, 68, 76-95.	3.0	238
2	The Miocene: The Future of the Past. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004037.	2.9	166
3	Southern Hemisphere westerly wind changes during the Last Glacial Maximum: model-data comparison. Quaternary Science Reviews, 2013, 64, 104-120.	3.0	121
4	The Eoceneâ€“Oligocene transition: a review of marine and terrestrial proxy data, models and modelâ€“data comparisons. Climate of the Past, 2021, 17, 269-315.	3.4	90
5	Post-glacial flooding of the Bering Land Bridge dated to 11â€¯calâ€¯kaâ€¯BP based on new geophysical and sediment records. Climate of the Past, 2017, 13, 991-1005.	3.4	85
6	Southern Ocean fronts: Controlled by wind or topography?. Journal of Geophysical Research, 2012, 117, .	3.3	80
7	DeepMIP: model intercomparison of early Eocene climatic optimum (EECO) large-scale climate features and comparison with proxy data. Climate of the Past, 2021, 17, 203-227.	3.4	71
8	Global mean surface temperature and climate sensitivity of the early Eocene Climatic Optimum (EECO), Paleoceneâ€“Eocene Thermal Maximum (PETM), and latest Paleocene. Climate of the Past, 2020, 16, 1953-1968.	3.4	71
9	Atlantic-Pacific Asymmetry in Deep Water Formation. Annual Review of Earth and Planetary Sciences, 2018, 46, 327-352.	11.0	68
10	The Bering Strait's grip on the northern hemisphere climate. Deep-Sea Research Part I: Oceanographic Research Papers, 2004, 51, 1347-1366.	1.4	67
11	Export of nutrient rich Northern Component Water preceded early Oligocene Antarctic glaciation. Nature Geoscience, 2018, 11, 190-196.	12.9	67
12	Inferring source regions and supply mechanisms of iron in the Southern Ocean from satellite chlorophyll data. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 104, 9-25.	1.4	61
13	Effect of global ocean temperature change on deep ocean ventilation. Paleoceanography, 2007, 22, .	3.0	59
14	The Dynamical Subtropical Front. Journal of Geophysical Research: Oceans, 2013, 118, 5676-5685.	2.6	57
15	Atlantic Dominance of the Meridional Overturning Circulation. Journal of Physical Oceanography, 2008, 38, 435-450.	1.7	55
16	The Exhaust Valve of the North Atlantic. Journal of Climate, 2004, 17, 417-422.	3.2	54
17	Meridional Density Gradients Do Not Control the Atlantic Overturning Circulation. Journal of Physical Oceanography, 2010, 40, 368-380.	1.7	54
18	Simulating Miocene Warmth: Insights From an Opportunistic Multiâ€Model Ensemble (MioMIP1). Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004054.	2.9	52

#	Article	IF	Citations
19	Climate sensitivity and meridional overturning circulation in the late Eocene using GFDL CM2.1. Climate of the Past, 2018, 14, 789-810.	3.4	49
20	The control of the Southern Hemisphere Westerlies on the position of the Subtropical Front. Journal of Geophysical Research: Oceans, 2013, 118, 5669-5675.	2.6	48
21	Spatial and Temporal Scales of Sverdrup Balance*. Journal of Physical Oceanography, 2014, 44, 2644-2660.	1.7	38
22	Sea ice led to poleward-shifted winds at the Last Glacial Maximum: the influence of state dependency on CMIP5 and PMIP3 models. Climate of the Past, 2016, 12, 2241-2253.	3.4	37
23	Synchronous records of pCO2 and Î”14C suggest rapid, ocean-derived pCO2 fluctuations at the onset of Younger Dryas. Quaternary Science Reviews, 2014, 99, 84-96.	3.0	26
24	Does the Atlantic meridional overturning cell really have more than one stable steady state?. Deep-Sea Research Part I: Oceanographic Research Papers, 2007, 54, 2005-2021.	1.4	20
25	Control of the glacial carbon budget by topographically induced mixing. Geophysical Research Letters, 2014, 41, 4277-4284.	4.0	19
26	Hydrological impact of Middle Miocene Antarctic ice-free areas coupled to deep ocean temperatures. Nature Geoscience, 2021, 14, 429-436.	12.9	16
27	Upper ocean manifestations of a reducing meridional overturning circulation. Geophysical Research Letters, 2012, 39, .	4.0	15
28	A simple theory of the pycnocline and overturning revisited. Geophysical Monograph Series, 2007, , 19-32.	0.1	14
29	Antarctic stratification, atmospheric water vapor, and Heinrich Events: A hypothesis for Late Pleistocene deglaciations. Geophysical Monograph Series, 2007, , 335-349.	0.1	14
30	A multi-variable box model approach to the soft tissue carbon pump. Climate of the Past, 2010, 6, 827-841.	3.4	11
31	Early Eocene Ocean Meridional Overturning Circulation: The Roles of Atmospheric Forcing and Strait Geometry. Paleoceanography and Paleoclimatology, 2022, 37, .	2.9	11
32	Interconnectivity Between Volume Transports Through Arctic Straits. Journal of Geophysical Research: Oceans, 2018, 123, 8714-8729.	2.6	10
33	From the Southern Ocean to the North Atlantic in the Ekman Layer?. Bulletin of the American Meteorological Society, 2004, 85, 79-88.	3.3	9
34	Inferring the zonal distribution of measured changes in the meridional overturning circulation. Ocean Science, 2007, 3, 55-57.	3.4	7
35	Processes driving thunderstorms over the Agulhas Current. Journal of Geophysical Research D: Atmospheres, 2013, 118, 2220-2228.	3.3	6
36	The island wind-buoyancy connection. Tellus, Series A: Dynamic Meteorology and Oceanography, 2005, 57, 783-797.	1.7	3

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37	Measurements of total alkalinity and inorganic dissolved carbon in the Atlantic Ocean and adjacent Southern Ocean between 2008 and 2010. Earth System Science Data, 2014, 6, 175-183.	9.9	3
38	African Hydroclimate During the Early Eocene From the DeepMIP Simulations. Paleoceanography and Paleoclimatology, 2022, 37, .	2.9	3
39	Sea change. Nature Geoscience, 2010, 3, 668-669.	12.9	2
40	Would Title IX Help Women in Science?. Science, 2002, 298, 1891-1892.	12.6	0
41	The island windâ€™buoyancy connection. Tellus, Series A: Dynamic Meteorology and Oceanography, 2005, 57, 783-797.	1.7	0
42	Response to: Comment on â€œSynchronous records of pCO2 and Î”14C suggest rapid, ocean-derived pCO2 fluctuations at the onset of Younger Dryasâ€•(Steinthorsdottir etÂ al., 2014, Quaternary Science Reviews) Tj ETQq0 0 0 rgBT /Overlock 1	3.0	0