

William H G Roberts

List of Publications by Citations

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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.

22

papers

468

citations

11

h-index

21

g-index

29

ext. papers

683

ext. citations

9.2

avg, IF

3.85

L-index

#	Paper	IF	Citations
22	The BRIDGE HadCM3 family of climate models: HadCM3@Bristol v1.0. <i>Geoscientific Model Development</i> , 2017 , 10, 3715-3743	6.3	106
21	Past East Asian monsoon evolution controlled by paleogeography, not CO. <i>Science Advances</i> , 2019 , 5, eaax1697	14.3	79
20	Southern Hemisphere climate variability forced by Northern Hemisphere ice-sheet topography. <i>Nature</i> , 2018 , 554, 351-355	50.4	32
19	Ocean dominated expansion and contraction of the late Quaternary tropical rainbelt. <i>Scientific Reports</i> , 2017 , 7, 9382	4.9	31
18	Topography's crucial role in Heinrich Events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16688-93	11.5	27
17	A new constraint on the size of Heinrich Events from an iceberg/sediment model. <i>Earth and Planetary Science Letters</i> , 2014 , 386, 1-9	5.3	26
16	Can energy fluxes be used to interpret glacial/interglacial precipitation changes in the tropics?. <i>Geophysical Research Letters</i> , 2017 , 44, 6373-6382	4.9	26
15	Characterizing unforced multi-decadal variability of ENSO: a case study with the GFDL CM2.1 coupled GCM. <i>Climate Dynamics</i> , 2017 , 49, 2845-2862	4.2	21
14	Increasing mitigation ambition to meet the Paris Agreement's temperature goal avoids substantial heat-related mortality in U.S. cities. <i>Science Advances</i> , 2019 , 5, eaau4373	14.3	21
13	ENSO in the Mid-Holocene according to CSM and HadCM3. <i>Journal of Climate</i> , 2014 , 27, 1223-1242	4.4	19
12	Wind-Driven Evolution of the North Pacific Subpolar Gyre Over the Last Deglaciation. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL086328	4.9	13
11	Antarctic surface temperature and elevation during the Last Glacial Maximum. <i>Science</i> , 2021 , 372, 1097-1101	33.9	10
10	The BRIDGE HadCM3 family of climate models: HadCM3@Bristol v1.0 2017 ,		9
9	Rainwater isotopes in central Vietnam controlled by two oceanic moisture sources and rainout effects. <i>Scientific Reports</i> , 2020 , 10, 16482	4.9	9
8	Green Mountains and White Plains: The Effect of Northern Hemisphere Ice Sheets on the Global Energy Budget. <i>Journal of Climate</i> , 2017 , 30, 3887-3905	4.4	8
7	A new tool for evaluating the physics of coupled atmosphere-ocean variability in nature and in general circulation models. <i>Climate Dynamics</i> , 2011 , 36, 907-923	4.2	8
6	The Mechanisms that Determine the Response of the Northern Hemisphere's Stationary Waves to North American Ice Sheets. <i>Journal of Climate</i> , 2019 , 32, 3917-3940	4.4	7

- 5 Drying in the Middle East During Northern Hemisphere Cold Events of the Early Glacial Period. *Geophysical Research Letters*, **2019**, 46, 14003-14010 4.9 6
- 4 The role of basal hydrology in the surging of the Laurentide Ice Sheet. *Climate of the Past*, **2016**, 12, 1601-1614 3.9 4
- 3 Simulation of the mid-Pliocene Warm Period using HadGEM3: experimental design and results from model-model and model-data comparison. *Climate of the Past*, **2021**, 17, 2139-2163 3.9 3
- 2 Controls on the Tropical Response to Abrupt Climate Changes. *Geophysical Research Letters*, **2020**, 47, e2020GL087518 4.9 1
- 1 Ocean dominated expansion and contraction of the late Quaternary tropical rainbelt 1