

# Adam Phillips

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9507907/publications.pdf>

Version: 2024-02-01

26  
papers

7,731  
citations

257450

24  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

8288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty in climate change projections: the role of internal variability. <i>Climate Dynamics</i> , 2012, 38, 527-546.	3.8	1,209
2	The Community Earth System Model Version 2 (CESM2). <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001916.	3.8	935
3	The Pacific Decadal Oscillation, Revisited. <i>Journal of Climate</i> , 2016, 29, 4399-4427.	3.2	877
4	Sea Surface Temperature Variability: Patterns and Mechanisms. <i>Annual Review of Marine Science</i> , 2010, 2, 115-143.	11.6	788
5	Communication of the role of natural variability in future North American climate. <i>Nature Climate Change</i> , 2012, 2, 775-779.	18.8	671
6	Pacific Interdecadal Climate Variability: Linkages between the Tropics and the North Pacific during Boreal Winter since 1900. <i>Journal of Climate</i> , 2004, 17, 3109-3124.	3.2	511
7	Projecting North American Climate over the Next 50 Years: Uncertainty due to Internal Variability*. <i>Journal of Climate</i> , 2014, 27, 2271-2296.	3.2	393
8	Tropical Atlantic Influence on European Heat Waves. <i>Journal of Climate</i> , 2005, 18, 2805-2811.	3.2	366
9	ENSO and Pacific Decadal Variability in the Community Climate System Model Version 4. <i>Journal of Climate</i> , 2012, 25, 2622-2651.	3.2	293
10	The Whole Atmosphere Community Climate Model Version 6 (WACCM6). <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12380-12403.	3.3	261
11	Forced and Internal Components of Winter Air Temperature Trends over North America during the past 50 Years: Mechanisms and Implications*. <i>Journal of Climate</i> , 2016, 29, 2237-2258.	3.2	189
12	The Northern Hemisphere Extratropical Atmospheric Circulation Response to ENSO: How Well Do We Know It and How Do We Evaluate Models Accordingly?. <i>Journal of Climate</i> , 2017, 30, 5059-5082.	3.2	180
13	Atmospheric Circulation Trends, 1950–2000: The Relative Roles of Sea Surface Temperature Forcing and Direct Atmospheric Radiative Forcing. <i>Journal of Climate</i> , 2009, 22, 396-413.	3.2	148
14	CESM1(WACCM) Stratospheric Aerosol Geoengineering Large Ensemble Project. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 2361-2371.	3.3	129
15	ESMValTool (v1.0) – a community diagnostic and performance metrics tool for routine evaluation of Earth system models in CMIP. <i>Geoscientific Model Development</i> , 2016, 9, 1747-1802.	3.6	127
16	The role of the North Atlantic Oscillation in European climate projections. <i>Climate Dynamics</i> , 2017, 49, 3141-3157.	3.8	122
17	Isolating the Evolving Contributions of Anthropogenic Aerosols and Greenhouse Gases: A New CESM1 Large Ensemble Community Resource. <i>Journal of Climate</i> , 2020, 33, 7835-7858.	3.2	93
18	Evaluating Modes of Variability in Climate Models. <i>Eos</i> , 2014, 95, 453-455.	0.1	84

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19	How Well Do We Know ENSO's Climate Impacts over North America, and How Do We Evaluate Models Accordingly?. <i>Journal of Climate</i> , 2018, 31, 4991-5014.	3.2	83
20	Earth System Model Evaluation Tool (ESMValTool) v2.0 – an extended set of large-scale diagnostics for quasi-operational and comprehensive evaluation of Earth system models in CMIP. <i>Geoscientific Model Development</i> , 2020, 13, 3383-3438.	3.6	69
21	ENSO and Pacific Decadal Variability in the Community Earth System Model Version 2. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002022.	3.8	52
22	Evaluation of Leading Modes of Climate Variability in the CMIP Archives. <i>Journal of Climate</i> , 2020, 33, 5527-5545.	3.2	47
23	Simulated Siberian snow cover response to observed Arctic sea ice loss, 1979–2008. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	35
24	Attribution of Climate Change in the Presence of Internal Variability. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2015, , 1-29.	0.2	26
25	Projected ENSO Teleconnection Changes in CMIP6. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	20
26	Defining the Internal Component of Atlantic Multidecadal Variability in a Changing Climate. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095023.	4.0	19