

Larissa Nazarenko

List of Publications by Year in descending order

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42
papers

6,887
citations

236833

25
h-index

276775

41
g-index

42
all docs

42
docs citations

42
times ranked

7475
citing authors

#	ARTICLE	IF	CITATIONS
1	Future Climate Change Under SSP Emission Scenarios With GISSâ€E2.1. Journal of Advances in Modeling Earth Systems, 2022, 14, .	1.3	22
2	CMIP6 Historical Simulations (1850â€2014) With GISSâ€E2.1. Journal of Advances in Modeling Earth Systems, 2021, 13, e2019MS002034.	1.3	49
3	Constraining human contributions to observed warming since the pre-industrial period. Nature Climate Change, 2021, 11, 207-212.	8.1	108
4	Disentangling the Regional Climate Impacts of Competing Vegetation Responses to Elevated Atmospheric CO ₂ . Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034108.	1.2	6
5	Dynamical and Trace Gas Responses of the Quasiâ€Biennial Oscillation to Increased CO ₂ . Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034151.	1.2	11
6	Nonâ€Monotonic Response of the Climate System to Abrupt CO ₂ Forcing. Geophysical Research Letters, 2021, 48, e2020GL090861.	1.5	10
7	The impact of increasing stratospheric radiative damping on the quasi-biennial oscillation period. Atmospheric Chemistry and Physics, 2021, 21, 7395-7407.	1.9	0
8	Response of the Quasiâ€Biennial Oscillation to Historical Volcanic Eruptions. Geophysical Research Letters, 2021, 48, e2021GL095412.	1.5	5
9	Temporal and spatial distribution of health, labor, and crop benefits of climate change mitigation in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	38
10	Comparison of Equilibrium Climate Sensitivity Estimates From Slab Ocean, 150â€Year, and Longer Simulations. Geophysical Research Letters, 2020, 47, e2020GL088852.	1.5	16
11	Historical (1850â€2014) Aerosol Evolution and Role on Climate Forcing Using the GISS ModelE2.1 Contribution to CMIP6. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001978.	1.3	69
12	GISSâ€E2.1: Configurations and Climatology. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS002025.	1.3	234
13	Divergent Regional Climate Consequences of Maintaining Current Irrigation Rates in the 21st Century. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031814.	1.2	17
14	Antarctic Glacial Melt as a Driver of Recent Southern Ocean Climate Trends. Geophysical Research Letters, 2020, 47, e2019GL086892.	1.5	34
15	GISS Model E2.2: A Climate Model Optimized for the Middle Atmosphereâ€Model Structure, Climatology, Variability, and Climate Sensitivity. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032204.	1.2	32
16	GISS Model E2.2: A Climate Model Optimized for the Middle Atmosphereâ€2. Validation of Largeâ€Scale Transport and Evaluation of Climate Response. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033151.	1.2	14
17	Representation of Modes of Variability in Six U.S. Climate Models. Journal of Climate, 2020, 33, 7591-7617.	1.2	21
18	Effective radiative forcing and adjustments in CMIP6 models. Atmospheric Chemistry and Physics, 2020, 20, 9591-9618.	1.9	149

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19	LongRunMIP: Motivation and Design for a Large Collection of Millennial-Length AOGCM Simulations. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 2551-2570.	1.7	65
20	Climate Change Amplification of Natural Drought Variability: The Historic Mid-Twentieth-Century North American Drought in a Warmer World. <i>Journal of Climate</i> , 2019, 32, 5417-5436.	1.2	23
21	Eddy Compensation Dampens Southern Ocean Sea Surface Temperature Response to Westerly Wind Trends. <i>Geophysical Research Letters</i> , 2019, 46, 4365-4377.	1.5	26
22	Multicentury Instability of the Atlantic Meridional Circulation in Rapid Warming Simulations With GISS ModelE2. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6331-6355.	1.2	19
23	Distinct Influences of Land Cover and Land Management on Seasonal Climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12017-12039.	1.2	26
24	Interactive nature of climate change and aerosol forcing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3457-3480.	1.2	25
25	Modeling the QBO—Improvements resulting from higher—model vertical resolution. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1092-1105.	1.3	51
26	Implications for climate sensitivity from the response to individual forcings. <i>Nature Climate Change</i> , 2016, 6, 386-389.	8.1	94
27	Ocean—atmosphere interactions modulate irrigation's climate impacts. <i>Earth System Dynamics</i> , 2016, 7, 863-876.	2.7	15
28	Do responses to different anthropogenic forcings add linearly in climate models?. <i>Environmental Research Letters</i> , 2015, 10, 104010.	2.2	32
29	Future climate change under RCP emission scenarios with GISS ModelE2. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 244-267.	1.3	112
30	Irrigation as an historical climate forcing. <i>Climate Dynamics</i> , 2015, 44, 1715-1730.	1.7	103
31	CMIP5 historical simulations (1850—2012) with GISS ModelE2. <i>Journal of Advances in Modeling Earth Systems</i> , 2014, 6, 441-478.	1.3	133
32	Configuration and assessment of the GISS ModelE2 contributions to the CMIP5 archive. <i>Journal of Advances in Modeling Earth Systems</i> , 2014, 6, 141-184.	1.3	597
33	Natural air—sea flux of CO ₂ in simulations of the NASA-GISS climate model: Sensitivity to the physical ocean model formulation. <i>Ocean Modelling</i> , 2013, 66, 26-44.	1.0	27
34	Interactive ozone and methane chemistry in GISS-E2 historical and future climate simulations. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 2653-2689.	1.9	150
35	Historical and future black carbon deposition on the three ice caps: Ice core measurements and model simulations from 1850 to 2100. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 7948-7961.	1.2	65
36	The Tropical Subseasonal Variability Simulated in the NASA GISS General Circulation Model. <i>Journal of Climate</i> , 2012, 25, 4641-4659.	1.2	148

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37	Climate simulations for 1880–2003 with GISS modelE. <i>Climate Dynamics</i> , 2007, 29, 661-696.	1.7	227
38	Present-Day Atmospheric Simulations Using GISS ModelE: Comparison to In Situ, Satellite, and Reanalysis Data. <i>Journal of Climate</i> , 2006, 19, 153-192.	1.2	832
39	Earth's Energy Imbalance: Confirmation and Implications. <i>Science</i> , 2005, 308, 1431-1435.	6.0	728
40	Efficacy of climate forcings. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	1,104
41	Soot climate forcing via snow and ice albedos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 423-428.	3.3	1,148
42	Climate forcings in Goddard Institute for Space Studies SI2000 simulations. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 2-1.	3.3	302