

Masakazu Yoshimori

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,015
citations

186265

28
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182427

51
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64
all docs

64
docs citations

64
times ranked

3383
citing authors

#	ARTICLE	IF	CITATIONS
1	PMIP4/CMIP6 last interglacial simulations using three different versions of MIROC: importance of vegetation. <i>Climate of the Past</i> , 2021, 17, 21-36.	3.4	10
2	An energy budget framework to understand mechanisms of land-ocean warming contrast induced by increasing greenhouse gases Part I: Near-equilibrium state. <i>Journal of Climate</i> , 2021, , 1-63.	3.2	2
3	Fixed Anvil Temperature Feedback: Positive, Zero, or Negative?. <i>Journal of Climate</i> , 2020, 33, 2719-2739.	3.2	11
4	The relevance of mid-Holocene Arctic warming to the future. <i>Climate of the Past</i> , 2019, 15, 1375-1394.	3.4	11
5	Visualizing the Interconnections Among Climate Risks. <i>Earth's Future</i> , 2019, 7, 85-100.	6.3	24
6	The Importance of Ocean Dynamical Feedback for Understanding the Impact of Mid-High-Latitude Warming on Tropical Precipitation Change. <i>Journal of Climate</i> , 2018, 31, 2417-2434.	3.2	8
7	Influence of glacial ice sheets on the Atlantic meridional overturning circulation through surface wind change. <i>Climate Dynamics</i> , 2018, 50, 2881-2903.	3.8	36
8	State dependence of climatic instability over the past 720,000 years from Antarctic ice cores and climate modeling. <i>Science Advances</i> , 2017, 3, e1600446.	10.3	86
9	The role of atmospheric heat transport and regional feedbacks in the Arctic warming at equilibrium. <i>Climate Dynamics</i> , 2017, 49, 3457-3472.	3.8	43
10	Effectiveness and limitations of parameter tuning in reducing biases of top-of-atmosphere radiation and clouds in MIROC version 5. <i>Geoscientific Model Development</i> , 2017, 10, 4647-4664.	3.6	10
11	Intensification of tropical Pacific biological productivity due to volcanic eruptions. <i>Geophysical Research Letters</i> , 2016, 43, 1184-1192.	4.0	21
12	The tropical rain belts with an annual cycle and a continent model intercomparison project: TRACMIP. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1868-1891.	3.8	47
13	A review of progress towards understanding the transient global mean surface temperature response to radiative perturbation. <i>Progress in Earth and Planetary Science</i> , 2016, 3, .	3.0	24
14	Surface Arctic Amplification Factors in CMIP5 Models: Land and Oceanic Surfaces and Seasonality. <i>Journal of Climate</i> , 2016, 29, 3297-3316.	3.2	42
15	Rapid Adjustments of Cloud and Hydrological Cycle to Increasing CO2: a Review. <i>Current Climate Change Reports</i> , 2015, 1, 103-113.	8.6	44
16	The cloud radiative effect on the atmospheric energy budget and global mean precipitation. <i>Climate Dynamics</i> , 2015, 44, 2301-2325.	3.8	7
17	Validation of a Pattern Scaling Approach for Determining the Maximum Available Renewable Freshwater Resource. <i>Journal of Hydrometeorology</i> , 2014, 15, 505-516.	1.9	8
18	Robust Seasonality of Arctic Warming Processes in Two Different Versions of the MIROC GCM. <i>Journal of Climate</i> , 2014, 27, 6358-6375.	3.2	23

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19	Relative contribution of feedback processes to Arctic amplification of temperature change in MIROC GCM. <i>Climate Dynamics</i> , 2014, 42, 1613-1630.	3.8	33
20	Long-Term Climate Change Commitment and Reversibility: An EMIC Intercomparison. <i>Journal of Climate</i> , 2013, 26, 5782-5809.	3.2	208
21	Reliability and importance of structural diversity of climate model ensembles. <i>Climate Dynamics</i> , 2013, 41, 2745-2763.	3.8	23
22	Dependence of Precipitation Scaling Patterns on Emission Scenarios for Representative Concentration Pathways. <i>Journal of Climate</i> , 2013, 26, 8868-8879.	3.2	9
23	Strengthening of ocean heat uptake efficiency associated with the recent climate hiatus. <i>Geophysical Research Letters</i> , 2013, 40, 3175-3179.	4.0	108
24	Historical and idealized climate model experiments: an intercomparison of Earth system models of intermediate complexity. <i>Climate of the Past</i> , 2013, 9, 1111-1140.	3.4	157
25	Set-up of the PMIP3 paleoclimate experiments conducted using an Earth system model, MIROC-ESM. <i>Geoscientific Model Development</i> , 2013, 6, 819-836.	3.6	76
26	Sources of Spread in Multimodel Projections of the Greenland Ice Sheet Surface Mass Balance. <i>Journal of Climate</i> , 2012, 25, 1157-1175.	3.2	27
27	Using a Multiphysics Ensemble for Exploring Diversity in Cloudâ€œShortwave Feedback in GCMs. <i>Journal of Climate</i> , 2012, 25, 5416-5431.	3.2	33
28	Can the Last Glacial Maximum constrain climate sensitivity?. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	68
29	Perturbed physics ensemble using the MIROC5 coupled atmosphereâ€œocean GCM without flux corrections: experimental design and results. <i>Climate Dynamics</i> , 2012, 39, 3041-3056.	3.8	49
30	Fast and slow timescales in the tropical low-cloud response to increasing CO2 in two climate models. <i>Climate Dynamics</i> , 2012, 39, 1627-1641.	3.8	25
31	Stability of the Atlantic meridional overturning circulation: A model intercomparison. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	185
32	Stability of weather regimes during the last millennium from climate simulations. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	17
33	Temperature scaling pattern dependence on representative concentration pathway emission scenarios. <i>Climatic Change</i> , 2012, 112, 535-546.	3.6	26
34	Constraints to the tropical lowâ€œcloud trends in historical climate simulations. <i>Atmospheric Science Letters</i> , 2011, 12, 288-293.	1.9	7
35	Dependency of Feedbacks on Forcing and Climate State in Physics Parameter Ensembles. <i>Journal of Climate</i> , 2011, 24, 6440-6455.	3.2	63
36	Simulated decadal oscillations of the Atlantic meridional overturning circulation in a cold climate state. <i>Climate Dynamics</i> , 2010, 34, 101-121.	3.8	45

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37	Structural Similarities and Differences in Climate Responses to CO ₂ Increase between Two Perturbed Physics Ensembles. <i>Journal of Climate</i> , 2010, 23, 1392-1410.	3.2	62
38	Simulated resumption of the North Atlantic meridional overturning circulation – Slow basin-wide advection and abrupt local convection. <i>Quaternary Science Reviews</i> , 2010, 29, 101-112.	3.0	34
39	A Comparison of Climate Feedback Strength between CO ₂ Doubling and LGM Experiments. <i>Journal of Climate</i> , 2009, 22, 3374-3395.	3.2	64
40	On the link between Hadley circulation changes and radiative feedback processes. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	39
41	Equilibrium Response of an Atmosphere–Mixed Layer Ocean Model to Different Radiative Forcing Agents: Global and Zonal Mean Response. <i>Journal of Climate</i> , 2008, 21, 4399-4423.	3.2	128
42	Extreme midlatitude cyclones and their implications for precipitation and wind speed extremes in simulations of the Maunder Minimum versus present day conditions. <i>Climate Dynamics</i> , 2007, 28, 409-423.	3.8	94
43	Challenges posed by and approaches to the study of seasonal-to-decadal climate variability. <i>Climatic Change</i> , 2006, 79, 31-63.	3.6	28
44	On the interpretation of low-latitude hydrological proxy records based on Maunder Minimum AOGCM simulations. <i>Climate Dynamics</i> , 2006, 27, 493-513.	3.8	10
45	Northern Hemispheric Trends of Pressure Indices and Atmospheric Circulation Patterns in Observations, Reconstructions, and Coupled GCM Simulations. <i>Journal of Climate</i> , 2005, 18, 3968-3982.	3.2	51
46	Externally Forced and Internal Variability in Ensemble Climate Simulations of the Maunder Minimum. <i>Journal of Climate</i> , 2005, 18, 4253-4270.	3.2	76
47	Instability of Glacial Climate in a Model of the Ocean- Atmosphere-Cryosphere System. <i>Science</i> , 2002, 295, 1489-1493.	12.6	131
48	On the causes of glacial inception at 116 kaBP. <i>Climate Dynamics</i> , 2002, 18, 383-402.	3.8	37
49	The UVic earth system climate model: Model description, climatology, and applications to past, present and future climates. <i>Atmosphere - Ocean</i> , 2001, 39, 361-428.	1.6	604
50	Glacial termination: sensitivity to orbital and CO ₂ forcing in a coupled climate system model. <i>Climate Dynamics</i> , 2001, 17, 571-588.	3.8	28