

Junichi Tsutsui

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

470
citations

840776

11
h-index

1058476

14
g-index

27
all docs

27
docs citations

27
times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Global energy sector emission reductions and bioenergy use: overview of the bioenergy demand phase of the EMF-33 model comparison. <i>Climatic Change</i> , 2020, 163, 1553-1568.	3.6	112
2	Response of the North Atlantic Thermohaline Circulation and Ventilation to Increasing Carbon Dioxide in CCSM3. <i>Journal of Climate</i> , 2006, 19, 2382-2397.	3.2	89
3	Reduced Complexity Model Intercomparison Project Phase 1: introduction and evaluation of global-mean temperature response. <i>Geoscientific Model Development</i> , 2020, 13, 5175-5190.	3.6	70
4	FalRv2.0.0: a generalized impulse response model for climate uncertainty and future scenario exploration. <i>Geoscientific Model Development</i> , 2021, 14, 3007-3036.	3.6	34
5	Bioenergy technologies in long-run climate change mitigation: results from the EMF-33 study. <i>Climatic Change</i> , 2020, 163, 1603-1620.	3.6	31
6	Reduced Complexity Model Intercomparison Project Phase 2: Synthesizing Earth System Knowledge for Probabilistic Climate Projections. <i>Earth's Future</i> , 2021, 9, e2020EF001900.	6.3	28
7	Quantification of temperature response to CO ₂ forcing in atmosphere-ocean general circulation models. <i>Climatic Change</i> , 2017, 140, 287-305.	3.6	21
8	Diagnosing Transient Response to CO ₂ Forcing in Coupled Atmosphere-Ocean Model Experiments Using a Climate Model Emulator. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085844.	4.0	15
9	Long-term climate response to stabilized and overshoot anthropogenic forcings beyond the twenty-first century. <i>Climate Dynamics</i> , 2006, 28, 199-214.	3.8	12
10	Response of the middle atmosphere to the 11-year solar cycle simulated with the Whole Atmosphere Community Climate Model. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	12
11	Role of end-use technologies in long-term GHG reduction scenarios developed with the BET model. <i>Climatic Change</i> , 2014, 123, 583-596.	3.6	11
12	Statistical Parameterization Expressing ENSO Variability and Reversibility in Response to CO ₂ Concentration Changes. <i>Journal of Climate</i> , 2014, 27, 398-410.	3.2	10
13	The role of advanced end-use technologies in long-term climate change mitigation: the interlinkage between primary bioenergy and energy end-use. <i>Climatic Change</i> , 2020, 163, 1659-1673.	3.6	4
14	The contribution of bioenergy to the decarbonization of transport: a multi-model assessment. <i>Climatic Change</i> , 2022, 170, 1.	3.6	4
15	Maximum Potential Intensity of Tropical Cyclones Derived from Numerical Experiments Using the Community Climate System Model (CCSM3). <i>Journal of Disaster Research</i> , 2008, 3, 25-32.	0.7	0
16	Minimal CMIP Emulator (MCE v1.2): a new simplified method for probabilistic climate projections. <i>Geoscientific Model Development</i> , 2022, 15, 951-970.	3.6	0