

Seita Emori

List of Publications by Year in descending order

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44
papers

8,867
citations

331259

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253896

43
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46
all docs

46
docs citations

46
times ranked

12287
citing authors

#	ARTICLE	IF	CITATIONS
1	Are we ignoring a black elephant in the Anthropocene? Climate change and global pandemic as the crisis in health and equality. Sustainability Science, 2021, 16, 695-701.	2.5	15
2	The Northwestern Pacific Warming Record in August 2020 Occurred Under Anthropogenic Forcing. Geophysical Research Letters, 2021, 48, e2020GL090956.	1.5	18
3	Selecting CMIP6-Based Future Climate Scenarios for Impact and Adaptation Studies. Scientific Online Letters on the Atmosphere, 2021, 17, 57-62.	0.6	17
4	How many hot days and heavy precipitation days will grandchildren experience that break the records set in their grandparents' lives?. Environmental Research Communications, 2021, 3, 061002.	0.9	1
5	Selecting Future Climate Projections of Surface Solar Radiation in Japan. Scientific Online Letters on the Atmosphere, 2020, 16, 75-79.	0.6	5
6	Limiting global warming to 1.5 °C will lower increases in inequalities of four hazard indicators of climate change. Environmental Research Letters, 2019, 14, 124022.	2.2	12
7	Integrated climate assessment: risks, uncertainties, and society. Sustainability Science, 2018, 13, 275-277.	2.5	6
8	Risk implications of long-term global climate goals: overall conclusions of the ICA-RUS project. Sustainability Science, 2018, 13, 279-289.	2.5	9
9	Transdisciplinary co-design of scientific research agendas: 40 research questions for socially relevant climate engineering research. Sustainability Science, 2017, 12, 31-44.	2.5	27
10	Emission pathways to achieve 2.0°C and 1.5°C climate targets. Earth's Future, 2017, 5, 592-604.	2.4	28
11	On the scaling of climate impact indicators with global mean temperature increase: a case study of terrestrial ecosystems and water resources. Climatic Change, 2017, 141, 775-782.	1.7	8
12	ASSESSMENT OF GREENHOUSE GAS EMISSION PATHWAYS BY CONSIDERING A POSSIBLE CLIMATE SENSITIVITY RANGE UNDER DIFFERENT SOCIO-ECONOMIC SCENARIOS. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2015, 71, I_205-I_216.	0.1	1
13	Asymmetric impact of the physiological effect of carbon dioxide on hydrological responses to instantaneous negative and positive CO2 forcing. Climate Dynamics, 2015, 45, 2181-2192.	1.7	6
14	Validation of a Pattern Scaling Approach for Determining the Maximum Available Renewable Freshwater Resource. Journal of Hydrometeorology, 2014, 15, 505-516.	0.7	8
15	EMULATION OF A COUPLE ATMOSPHERE-OCEAN GENERAL CIRCULATION MODEL WITH A SIMPLE CLIMATE MODEL. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_307-I_312.	0.0	0
16	Reliability and importance of structural diversity of climate model ensembles. Climate Dynamics, 2013, 41, 2745-2763.	1.7	23
17	Dependence of Precipitation Scaling Patterns on Emission Scenarios for Representative Concentration Pathways. Journal of Climate, 2013, 26, 8868-8879.	1.2	9
18	On the linear additivity of climate forcing-response relationships at global and continental scales. International Journal of Climatology, 2013, 33, 2542-2550.	1.5	46

#	ARTICLE	IF	CITATIONS
19	Using a Multiphysics Ensemble for Exploring Diversity in Cloudâ€‘Shortwave Feedback in GCMs. <i>Journal of Climate</i> , 2012, 25, 5416-5431.	1.2	33
20	Perturbed physics ensemble using the MIROC5 coupled atmosphereâ€‘ocean GCM without flux corrections: experimental design and results. <i>Climate Dynamics</i> , 2012, 39, 3041-3056.	1.7	49
21	Sea-Ice in Twentieth-Century Simulations by New MIROC Coupled Models: A Comparison between Models with High Resolution and with Ice Thickness Distribution. <i>Journal of the Meteorological Society of Japan</i> , 2012, 90A, 213-232.	0.7	26
22	Temperature scaling pattern dependence on representative concentration pathway emission scenarios. <i>Climatic Change</i> , 2012, 112, 535-546.	1.7	26
23	Estimation of future surface temperature changes constrained using the future-present correlated modes in inter-model variability of CMIP3 multimodel simulations. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	19
24	Emission scenario dependencies in climate change assessments of the hydrological cycle. <i>Climatic Change</i> , 2010, 99, 321-329.	1.7	34
25	The next generation of scenarios for climate change research and assessment. <i>Nature</i> , 2010, 463, 747-756.	13.7	5,299
26	Improved Climate Simulation by MIROC5: Mean States, Variability, and Climate Sensitivity. <i>Journal of Climate</i> , 2010, 23, 6312-6335.	1.2	1,103
27	Impacts of global warming on hydrological cycles in the Asian monsoon region. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 960-973.	1.9	18
28	Comparison of equilibrium and transient responses to CO2 increase in eight state-of-the-art climate models. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2008, 60, 946-961.	0.8	25
29	AGCM experiment of the effect of cumulus suppression on convection center formation over the Bay of Bengal. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	2
30	Global projections of changing risks of floods and droughts in a changing climate. <i>Hydrological Sciences Journal</i> , 2008, 53, 754-772.	1.2	347
31	The Impact of Cumulus Suppression on the Baiu Front Simulated by an AGCM. <i>Journal of the Meteorological Society of Japan</i> , 2008, 86, 119-140.	0.7	4
32	Assessing Mortality Risk from Heat Stress due to Global Warming. <i>Journal of Risk Research</i> , 2007, 10, 339-354.	1.4	47
33	Effect of air-sea coupling in the assessment of CO2-induced intensification of tropical cyclone activity. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	10
34	Vertical cloud structure observed from shipborne radar and lidar: Midlatitude case study during the MRO1/KO2 cruise of the research vessel Mirai. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	47
35	Robustness of climate change signals in near term predictions up to the year 2030: Changes in the frequency of temperature extremes. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	14
36	Tropical Intraseasonal Variability in 14 IPCC AR4 Climate Models. Part I: Convective Signals. <i>Journal of Climate</i> , 2006, 19, 2665-2690.	1.2	664

#	ARTICLE	IF	CITATIONS
37	Simulation of climate response to aerosol direct and indirect effects with aerosol transport-radiation model. Journal of Geophysical Research, 2005, 110, .	3.3	491
38	Tropical Cyclones and Associated Precipitation over the Western North Pacific: T106 Atmospheric GCM Simulation for Present-day and Doubled CO2 Climates. Scientific Online Letters on the Atmosphere, 2005, 1, 145-148.	0.6	34
39	Impact of Global Warming on Gravity Wave Momentum Flux in the Lower Stratosphere. Scientific Online Letters on the Atmosphere, 2005, 1, 189-192.	0.6	4
40	Numerical Experiments Examining the Mechanism of Diurnal Variation of Tropical Convection. Journal of the Meteorological Society of Japan, 2004, 82, 1245-1260.	0.7	13
41	Far-reaching effects of the Hawaiian Islands in the CCSR/NIES/FRCGC high-resolution climate model. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	35
42	Numerical Study on the Baiu Front Genesis by Heating Contrast between Land and Ocean.. Journal of the Meteorological Society of Japan, 2001, 79, 671-686.	0.7	47
43	Importance of Cumulus Parameterization for Precipitation Simulation over East Asia in June.. Journal of the Meteorological Society of Japan, 2001, 79, 939-947.	0.7	87
44	Coupled Ocean-Atmosphere Model Experiments of Future Climate Change with an Explicit Representation of Sulfate Aerosol Scattering. Journal of the Meteorological Society of Japan, 1999, 77, 1299-1307.	0.7	149