

Kalyn Dorheim

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

485
citations

1040056

9
h-index

839539

18
g-index

29
all docs

29
docs citations

29
times ranked

642
citing authors

#	ARTICLE	IF	CITATIONS
1	GCAM v5.1: representing the linkages between energy, water, land, climate, and economic systems. <i>Geoscientific Model Development</i> , 2019, 12, 677-698.	3.6	211
2	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
3	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
4	Historically inconsistent productivity and respiration fluxes in the global terrestrial carbon cycle. <i>Nature Communications</i> , 2022, 13, 1733.	12.8	25
5	Forest Structural Complexity and Biomass Predict First-Year Carbon Cycling Responses to Disturbance. <i>Ecosystems</i> , 2021, 24, 699-712.	3.4	17
6	<i>gcamdata</i>: An R Package for Preparation, Synthesis, and Tracking of Input Data for the GCAM Integrated Human-Earth Systems Model. <i>Journal of Open Research Software</i> , 2019, 7, 6.	5.9	17
7	Impact of methane and black carbon mitigation on forcing and temperature: a multi-model scenario analysis. <i>Climatic Change</i> , 2020, 163, 1427-1442.	3.6	15
8	A multidimensional stability framework enhances interpretation and comparison of carbon cycling response to disturbance. <i>Ecosphere</i> , 2021, 12, e03800.	2.2	13
9	Evaluating long-term model-based scenarios of the energy system. <i>Energy Strategy Reviews</i> , 2020, 32, 100551.	7.3	12
10	Calibrating Simple Climate Models to Individual Earth System Models: Lessons Learned From Calibrating Hector. <i>Earth and Space Science</i> , 2020, 7, e2019EA000980.	2.6	11
11	Leveraging observed soil heterotrophic respiration fluxes as a novel constraint on global-scale models. <i>Global Change Biology</i> , 2021, 27, 5392-5403.	9.5	10
12	The <i>fortedata</i> R package: open-science datasets from a manipulative experiment testing forest resilience. <i>Earth System Science Data</i> , 2021, 13, 943-952.	9.9	9
13	Extreme metrics from large ensembles: investigating the effects of ensemble size on their estimates. <i>Earth System Dynamics</i> , 2021, 12, 1427-1501.	7.1	8
14	Integrated modeling of human-earth system interactions: An application of GCAM-fusion. <i>Energy Economics</i> , 2021, 103, 105566.	12.1	7
15	The Future of the Carbon Cycle in a Changing Climate. <i>Eos</i> , 2020, 101, .	0.1	7
16	Joint emulation of Earth System Model temperature-precipitation realizations with internal variability and space-time and cross-variable correlation: fldgen v2.0 software description. <i>PLoS ONE</i> , 2019, 14, e0223542.	2.5	4
17	Climate Drives Modeled Forest Carbon Cycling Resistance and Resilience in the Upper Great Lakes Region, USA. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	4
18	HIRM v1.0: a hybrid impulse response model for climate modeling and uncertainty analyses. <i>Geoscientific Model Development</i> , 2021, 14, 365-375.	3.6	3