Kalyn Dorheim

List of Publications by Year
in descending order

18	485	1040056 9	839539 18
papers	citations	h-index	g-index

29	29	29	642
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Climate Drives Modeled Forest Carbon Cycling Resistance and Resilience in the Upper Great Lakes Region, USA. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	4
2	Historically inconsistent productivity and respiration fluxes in the global terrestrial carbon cycle. Nature Communications, 2022, 13, 1733.	12.8	25
3	Forest Structural Complexity and Biomass Predict First-Year Carbon Cycling Responses to Disturbance. Ecosystems, 2021, 24, 699-712.	3.4	17
4	HIRM v1.0: a hybrid impulse response model for climate modeling and uncertainty analyses. Geoscientific Model Development, 2021, 14, 365-375.	3.6	3
5	The <i>fortedata</i> R package: open-science datasets from a manipulative experiment testing forest resilience. Earth System Science Data, 2021, 13, 943-952.	9.9	9
6	Reduced Complexity Model Intercomparison Project Phase 2: Synthesizing Earth System Knowledge for Probabilistic Climate Projections. Earth's Future, 2021, 9, e2020EF001900.	6.3	28
7	Leveraging observed soil heterotrophic respiration fluxes as a novel constraint on globalâ€scale models. Global Change Biology, 2021, 27, 5392-5403.	9.5	10
8	Integrated modeling of human-earth system interactions: An application of GCAM-fusion. Energy Economics, 2021, 103, 105566.	12.1	7
9	A multidimensional stability framework enhances interpretation and comparison of carbon cycling response to disturbance. Ecosphere, 2021, 12, e03800.	2.2	13
10	Extreme metrics from large ensembles: investigating the effects of ensemble size on their estimates. Earth System Dynamics, 2021, 12, 1427-1501.	7.1	8
11	Impact of methane and black carbon mitigation on forcing and temperature: a multi-model scenario analysis. Climatic Change, 2020, 163, 1427-1442.	3.6	15
12	Calibrating Simple Climate Models to Individual Earth System Models: Lessons Learned From Calibrating Hector. Earth and Space Science, 2020, 7, e2019EA000980.	2.6	11
13	Evaluating long-term model-based scenarios of the energy system. Energy Strategy Reviews, 2020, 32, 100551.	7.3	12
14	The Future of the Carbon Cycle in a Changing Climate. Eos, 2020, 101, .	0.1	7
15	Reduced Complexity Model Intercomparison Project Phase 1: introduction and evaluation of global-mean temperature response. Geoscientific Model Development, 2020, 13, 5175-5190.	3.6	70
16	GCAM v5.1: representing the linkages between energy, water, land, climate, and economic systems. Geoscientific Model Development, 2019, 12, 677-698.	3.6	211
17	Joint emulation of Earth System Model temperature-precipitation realizations with internal variability and space-time and cross-variable correlation: fldgen v2.0 software description. PLoS ONE, 2019, 14, e0223542.	2.5	4
18	<i>gcamdata</i>: An R Package for Preparation, Synthesis, andÂTracking of Input Data for the GCAM Integrated Human-Earth Systems Model. Journal of Open Research Software, 2019, 7, 6.	5.9	17