

Amir Erfanian

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

457
citations

1163117

8
h-index

1372567

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g-index

16
all docs

16
docs citations

16
times ranked

956
citing authors

#	ARTICLE	IF	CITATIONS
1	The peak structure and future changes of the relationships between extreme precipitation and temperature. <i>Nature Climate Change</i> , 2017, 7, 268-274.	18.8	221
2	Unprecedented drought over tropical South America in 2016: significantly under-predicted by tropical SST. <i>Scientific Reports</i> , 2017, 7, 5811.	3.3	132
3	Multimodel ensemble simulations of present and future climates over West Africa: Impacts of vegetation dynamics. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1411-1431.	3.8	37
4	Modeling the Dynamic Vegetation–Climate System over China Using a Coupled Regional Model. <i>Journal of Climate</i> , 2018, 31, 6027-6049.	3.2	21
5	Modeled Response of South American Climate to Three Decades of Deforestation. <i>Journal of Climate</i> , 2021, 34, 2189-2203.	3.2	13
6	Projection of vegetation impacts on future droughts over West Africa using a coupled RegCM-CLM-CN-DV. <i>Climatic Change</i> , 2020, 163, 653-668.	3.6	9
7	Ensemble-based Reconstructed Forcing (ERF) for regional climate modeling: Attaining the performance at a fraction of cost. <i>Geophysical Research Letters</i> , 2017, 44, 3290-3298.	4.0	8
8	Explicitly Accounting for the Role of Remote Oceans in Regional Climate Modeling of South America. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 2408-2426.	3.8	8
9	The role of spring dry zonal advection in summer drought onset over the US Great Plains. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 15199-15216.	4.9	5
10	Dryness over the U.S. Southwest, a Springboard for Cold Season Pacific SST to Influence Warm Season Drought over the U.S. Great Plains. <i>Journal of Hydrometeorology</i> , 2021, 22, 63-76.	1.9	2
11	Variability, Trend, and Extremes of the South American Vegetation–Climate System: Results From a Coupled Regional Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	0