

Joshua K Roundy

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,798
citations

471509

17
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

2912
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperresolution global land surface modeling: Meeting a grand challenge for monitoring Earth's terrestrial water. <i>Water Resources Research</i> , 2011, 47, .	4.2	634
2	Landâ€‘Atmosphere Interactions: The LoCo Perspective. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 1253-1272.	3.3	226
3	SMOS soil moisture assimilation for improved hydrologic simulation in the Murray Darling Basin, Australia. <i>Remote Sensing of Environment</i> , 2015, 168, 146-162.	11.0	180
4	CFSv2-Based Seasonal Hydroclimatic Forecasts over the Conterminous United States. <i>Journal of Climate</i> , 2013, 26, 4828-4847.	3.2	113
5	Seasonal Forecasting of Global Hydrologic Extremes: System Development and Evaluation over GEWEX Basins. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1895-1912.	3.3	85
6	High-resolution modeling of the spatial heterogeneity of soil moisture: Applications in network design. <i>Water Resources Research</i> , 2015, 51, 619-638.	4.2	73
7	Assimilation of SMOS soil moisture and brightness temperature products into a land surface model. <i>Remote Sensing of Environment</i> , 2016, 180, 292-304.	11.0	67
8	Temporal Variability of Landâ€‘Atmosphere Coupling and Its Implications for Drought over the Southeast United States. <i>Journal of Hydrometeorology</i> , 2013, 14, 622-635.	1.9	60
9	Regional climate change projections of streamflow characteristics in the Northeast and Midwest U.S.. <i>Journal of Hydrology: Regional Studies</i> , 2016, 5, 309-323.	2.4	59
10	The Effects of Climate Change on Seasonal Snowpack and the Hydrology of the Northeastern and Upper Midwest United States. <i>Journal of Climate</i> , 2016, 29, 6527-6541.	3.2	53
11	Quantifying the Landâ€‘Atmosphere Coupling Behavior in Modern Reanalysis Products over the U.S. Southern Great Plains. <i>Journal of Climate</i> , 2015, 28, 5813-5829.	3.2	43
12	Impact of land-atmospheric coupling in CFSv2 on drought prediction. <i>Climate Dynamics</i> , 2014, 43, 421-434.	3.8	38
13	Effect of Teleconnected Landâ€‘Atmosphere Coupling on Northeast China Persistent Drought in Springâ€‘Summer of 2017. <i>Journal of Climate</i> , 2019, 32, 7403-7420.	3.2	32
14	Reply to comment by Keith J. Beven and Hannah L. Cloke on ‘‘Hyperresolution global land surface modeling: Meeting a grand challenge for monitoring Earth's terrestrial water’’. <i>Water Resources Research</i> , 2012, 48, .	4.2	26
15	Landâ€‘Atmosphere Coupling at the Southern Great Plains Atmospheric Radiation Measurement (ARM) Field Site and Its Role in Anomalous Afternoon Peak Precipitation. <i>Journal of Hydrometeorology</i> , 2016, 17, 541-556.	1.9	24
16	The Attribution of Landâ€‘Atmosphere Interactions on the Seasonal Predictability of Drought. <i>Journal of Hydrometeorology</i> , 2015, 16, 793-810.	1.9	20
17	A Framework for Diagnosing Seasonal Prediction through Canonical Event Analysis. <i>Monthly Weather Review</i> , 2015, 143, 2404-2418.	1.4	20
18	Utility of Satellite Remote Sensing for Landâ€‘Atmosphere Coupling and Drought Metrics. <i>Journal of Hydrometeorology</i> , 2017, 18, 863-877.	1.9	17

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19	Did a skillful prediction of near-surface temperatures help or hinder forecasting of the 2012 US drought?. Environmental Research Letters, 2021, 16, 034044.	5.2	10
20	Hydrological Predictability, Scales, and Uncertainty Issues. , 2019, , 3-31.		10
21	Evaluating the impact of model resolutions and cumulus parameterization on precipitation in NU-WRF: A case study in the Central Great Plains. Environmental Modelling and Software, 2021, 145, 105184.	4.5	3
22	Hydrological Predictability, Scales, and Uncertainty Issues. , 2018, , 1-29.		3
23	Seasonal Drought Forecasting on the Example of the USA. , 2015, , 1-9.		1
24	Assessment of Climatic and Anthropogenic Controls on Bridge Deck Drainage and Sediment Removal. Water (Switzerland), 2021, 13, 3556.	2.7	1
25	Seasonal Drought Forecasting on the Example of the USA. , 2019, , 1279-1287.		0
26	An innovative active learning module on snow and climate modeling. Frontiers in Water, 0, 4, .	2.3	0