Joshua K Roundy

List of Publications by Year
in descending order

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	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
2	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
3	Assessment of Climatic and Anthropogenic Controls on Bridge Deck Drainage and Sediment Removal. Water (Switzerland), 2021, 13, 3556.	2.7	1
4	Effect of Teleconnected Landâ€"Atmosphere Coupling on Northeast China Persistent Drought in Springâ€"Summer of 2017. Journal of Climate, 2019, 32, 7403-7420.	3.2	32
5	Hydrological Predictability, Scales, and Uncertainty Issues. , 2019, , 3-31.		10
6	Seasonal Drought Forecasting on the Example of the USA. , 2019, , 1279-1287.		0
7	Landâ€"Atmosphere Interactions: The LoCo Perspective. Bulletin of the American Meteorological Society, 2018, 99, 1253-1272.	3.3	226
8	Hydrological Predictability, Scales, and Uncertainty Issues. , 2018, , 1-29.		3
9	Utility of Satellite Remote Sensing for Landâ€"Atmosphere Coupling and Drought Metrics. Journal of Hydrometeorology, 2017, 18, 863-877.	1.9	17
10	Landâ€"Atmosphere Coupling at the Southern Great Plains Atmospheric Radiation Measurement (ARM) Field Site and Its Role in Anomalous Afternoon Peak Precipitation. Journal of Hydrometeorology, 2016, 17, 541-556.	1.9	24
11	The Effects of Climate Change on Seasonal Snowpack and the Hydrology of the Northeastern and Upper Midwest United States. Journal of Climate, 2016, 29, 6527-6541.	3.2	53
12	Regional climate change projections of streamflow characteristics in the Northeast and Midwest U.S.. Journal of Hydrology: Regional Studies, 2016, 5, 309-323.	2.4	59
13	Assimilation of SMOS soil moisture and brightness temperature products into a land surface model. Remote Sensing of Environment, 2016, 180, 292-304.	11.0	67
14	Seasonal Drought Forecasting on the Example of the USA. , 2015, , 1-9.		1
15	High-resolution modeling of the spatial heterogeneity of soil moisture: Applications in network design. Water Resources Research, 2015, 51, 619-638.	4.2	73
16	Seasonal Forecasting of Global Hydrologic Extremes: System Development and Evaluation over GEWEX Basins. Bulletin of the American Meteorological Society, 2015, 96, 1895-1912.	3.3	85
17	The Attribution of Landâ€"Atmosphere Interactions on the Seasonal Predictability of Drought. Journal of Hydrometeorology, 2015, 16, 793-810.	1.9	20
18	A Framework for Diagnosing Seasonal Prediction through Canonical Event Analysis. Monthly Weather Review, 2015, 143, 2404-2418.	1.4	20

#	Article	IF	Citations
19	SMOS soil moisture assimilation for improved hydrologic simulation in the Murray Darling Basin, Australia. Remote Sensing of Environment, 2015, 168, 146-162.	11.0	180
20	Quantifying the Landâ€“Atmosphere Coupling Behavior in Modern Reanalysis Products over the U.S. Southern Great Plains. Journal of Climate, 2015, 28, 5813-5829.	3.2	43
21	Impact of land-atmospheric coupling in CFSv2 on drought prediction. Climate Dynamics, 2014, 43, 421-434.	3.8	38
22	Temporal Variability of Landâ€“Atmosphere Coupling and Its Implications for Drought over the Southeast United States. Journal of Hydrometeorology, 2013, 14, 622-635.	1.9	60
23	CFSv2-Based Seasonal Hydroclimatic Forecasts over the Conterminous United States. Journal of Climate, 2013, 26, 4828-4847.	3.2	113
24	Reply to comment by Keith J. Beven and Hannah L. Cloke on â€œHyperresolution global land surface modeling: Meeting a grand challenge for monitoring Earth's terrestrial waterâ€. Water Resources Research, 2012, 48, .	4.2	26
25	Hyperresolution global land surface modeling: Meeting a grand challenge for monitoring Earth's terrestrial water. Water Resources Research, 2011, 47, .	4.2	634
26	An innovative active learning module on snow and climate modeling. Frontiers in Water, 0, 4, .	2.3	0