

Robert Rice

List of Publications by Year in descending order

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10
papers

769
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

993
citing authors

#	ARTICLE	IF	CITATIONS
1	Precipitation Estimates and Orographic Gradients Using Snow, Temperature, and Humidity Measurements From a Wireless Sensor Network. <i>Water Resources Research</i> , 2022, 58, .	4.2	4
2	Gap-filling snow-depth time-series with Kalman Filtering-Smoothing and Expectation Maximization: Proof of concept using spatially dense wireless-sensor-network data. <i>Cold Regions Science and Technology</i> , 2020, 175, 103066.	3.5	9
3	Detecting Rain-Snow-Transition Elevations in Mountain Basins Using Wireless Sensor Networks. <i>Journal of Hydrometeorology</i> , 2020, 21, 2061-2081.	1.9	13
4	Climate, snow, and soil moisture data set for the Tuolumne and Merced river watersheds, California, USA. <i>Earth System Science Data</i> , 2019, 11, 101-110.	9.9	3
5	Insights into mountain precipitation and snowpack from a basin-scale wireless sensor network. <i>Water Resources Research</i> , 2017, 53, 6626-6641.	4.2	32
6	Technical report: The design and evaluation of a basin-scale wireless sensor network for mountain hydrology. <i>Water Resources Research</i> , 2017, 53, 4487-4498.	4.2	38
7	Estimated Loss of Snowpack Storage in the Eastern Sierra Nevada with Climate Warming. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015, 141, .	2.6	6
8	Snow water equivalent along elevation gradients in the Merced and Tuolumne River basins of the Sierra Nevada. <i>Water Resources Research</i> , 2011, 47, .	4.2	82
9	Embedded sensor network design for snow cover measurements around snow pillow and snow course sites in the Sierra Nevada of California. <i>Water Resources Research</i> , 2010, 46, .	4.2	61
10	Mountain hydrology of the western United States. <i>Water Resources Research</i> , 2006, 42, .	4.2	521