

# Zeshi Zheng

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

8

papers

108

citations

6

h-index

10

g-index

10

ext. papers

139

ext. citations

6.3

avg, IF

2.67

L-index

#	Paper	IF	Citations
8	Topographic and vegetation effects on snow accumulation in the southern Sierra Nevada: a statistical summary from lidar data. <i>Cryosphere</i> , <b>2016</b> , 10, 257-269	5.5	39
7	Long-Term Variability of Soil Moisture in the Southern Sierra: Measurement and Prediction. <i>Vadose Zone Journal</i> , <b>2018</b> , 17, 1-9	2.7	19
6	Optimizing embedded sensor network design for catchment-scale snow-depth estimation using LiDAR and machine learning. <i>Water Resources Research</i> , <b>2016</b> , 52, 8174-8189	5.4	15
5	Spatial snow water equivalent estimation for mountainous areas using wireless-sensor networks and remote-sensing products. <i>Remote Sensing of Environment</i> , <b>2018</b> , 215, 44-56	13.2	14
4	Canopy Effects on Snow Accumulation: Observations from Lidar, Canonical-View Photos, and Continuous Ground Measurements from Sensor Networks. <i>Remote Sensing</i> , <b>2018</b> , 10, 1769	5	9
3	Canopy and Terrain Interactions Affecting Snowpack Spatial Patterns in the Sierra Nevada of California. <i>Water Resources Research</i> , <b>2019</b> , 55, 8721-8739	5.4	6
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> , <b>2020</b> , 175, 103066	3.8	5
1	Spatially distributed water-balance and meteorological data from the Wolverton catchment, Sequoia National Park, California. <i>Earth System Science Data</i> , <b>2018</b> , 10, 2115-2122	10.5	1