

Todd G Caldwell

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

507
citations

1040056

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h-index

1372567

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g-index

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all docs

10
docs citations

10
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the SMAP Level-4 Surface and Root-Zone Soil Moisture Product Using In Situ Measurements. <i>Journal of Hydrometeorology</i> , 2017, 18, 2621-2645.	1.9	196
2	Invasion of shrublands by exotic grasses: ecohydrological consequences in cold versus warm deserts. <i>Ecohydrology</i> , 2012, 5, 160-173.	2.4	72
3	A Time-Series Approach to Estimating Soil Moisture From Vegetated Surfaces Using L-Band Radar Backscatter. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 3186-3193.	6.3	60
4	Field and Laboratory Evaluation of the CS655 Soil Water Content Sensor. <i>Vadose Zone Journal</i> , 2018, 17, 1-16.	2.2	45
5	Timing and distribution of alluvial fan sedimentation in response to strengthening of late Holocene ENSO variability in the Sonoran Desert, Southwestern Arizona, USA. <i>Quaternary Research</i> , 2010, 73, 425-438.	1.7	36
6	The Texas Soil Observation Network: A Comprehensive Soil Moisture Dataset for Remote Sensing and Land Surface Model Validation. <i>Vadose Zone Journal</i> , 2019, 18, 1-20.	2.2	28
7	Data Assimilation to Extract Soil Moisture Information from SMAP Observations. <i>Remote Sensing</i> , 2017, 9, 1179.	4.0	25
8	Soil heterogeneity in Mojave Desert shrublands: Biotic and abiotic processes. <i>Water Resources Research</i> , 2012, 48, .	4.2	22
9	Desert terrain characterization of landforms and surface materials within vehicle test courses at U.S. Army Yuma Proving Ground, USA. <i>Journal of Terramechanics</i> , 2008, 45, 167-183.	3.1	18
10	Shrub spatial organization and partitioning of evaporation and transpiration in arid environments. <i>Ecohydrology</i> , 2015, 8, 1218-1228.	2.4	5