

Vikalp Mishra

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.

12
papers

81
citations

6
h-index

8
g-index

12
ext. papers

126
ext. citations

5
avg, IF

2.86
L-index

#	Paper	IF	Citations
12	An initial assessment of a SMAP soil moisture disaggregation scheme using TIR surface evaporation data over the continental United States. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018 , 68, 92-104	7.3	17
11	A Remote-Sensing Driven Tool for Estimating Crop Stress and Yields. <i>Remote Sensing</i> , 2013 , 5, 3331-3356	6.5	17
10	Evaluating the performance of high-resolution satellite imagery in detecting ephemeral water bodies over West Africa. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020 , 93, 102218	7.3	10
9	Performance evaluation of soil moisture profile estimation through entropy-based and exponential filter models. <i>Hydrological Sciences Journal</i> , 2020 , 65, 1036-1048	3.5	7
8	Detecting Desert Locust Breeding Grounds: A Satellite-Assisted Modeling Approach. <i>Remote Sensing</i> , 2021 , 13, 1276	5	7
7	Modeling Soil Moisture Profiles in Irrigated Fields by the Principle of Maximum Entropy. <i>Entropy</i> , 2015 , 17, 4454-4484	2.8	6
6	Development of soil moisture profiles through coupled microwave/thermal infrared observations in the southeastern United States. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 4935-4957	5.5	6
5	Assimilation of coupled microwave/thermal infrared soil moisture profiles into a crop model for robust maize yield estimates over Southeast United States. <i>European Journal of Agronomy</i> , 2021 , 123, 126208	5	5
4	Machine Learning Algorithm for Estimating Surface PM2.5 in Thailand. <i>Aerosol and Air Quality Research</i> , 2021 , 21, 210105	4.6	3
3	Evaluating the impacts of drought on rice productivity over Cambodia in the Lower Mekong Basin. <i>Journal of Hydrology</i> , 2021 , 599, 126291	6	2
2	Limitations of Remote Sensing in Assessing Vegetation Damage Due to the 2019-2021 Desert Locust Upsurge. <i>Frontiers in Climate</i> , 2021 , 3,	7.1	1
1	Analysis of a Short-Term and a Seasonal Precipitation Forecast over Kenya. <i>Atmosphere</i> , 2021 , 12, 1371	2.7	0