

Subit Chakrabarti

List of Publications by Year in descending order

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8
papers

154
citations

1684188

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1872680

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8
docs citations

8
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Assimilation of SMOS Soil Moisture for Quantifying Drought Impacts on Crop Yield in Agricultural Regions. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3867-3879.	4.9	89
2	Downscaling Satellite-Based Soil Moisture in Heterogeneous Regions Using High-Resolution Remote Sensing Products and Information Theory: A Synthetic Study. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 85-101.	6.3	27
3	Disaggregation of Remotely Sensed Soil Moisture in Heterogeneous Landscapes Using Holistic Structure-Based Models. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4629-4641.	6.3	16
4	Impact of vegetation water content information on soil moisture retrievals in agricultural regions: An analysis based on the SMAPVEX16-MicroWEX dataset. Remote Sensing of Environment, 2021, 265, 112623.	11.0	9
5	Spatial Scaling Using Temporal Correlations and Ensemble Learning to Obtain High-Resolution Soil Moisture. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1238-1250.	6.3	7
6	Downscaling microwave brightness temperatures using self regularized regressive models. , 2015, , .		3
7	Utilizing Self-Regularized Regressive Models to Downscale Microwave Brightness Temperatures for Agricultural Land Covers in the SMAPVEX-12 Region. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 478-488.	4.9	2
8	Mapping Cropland Extent by Asynchronous Fusion of Optical and Active Microwave Imagery. , 2018, , .		1