

Tuomo Smolander

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

1,127
citations

1307594

7
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

2068
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Sentinel-1 based soil freeze/thaw estimation in boreal forest environments. Remote Sensing of Environment, 2021, 254, 112267. | 11.0 | 10 |
| 2 | GlobSnow v3.0 Northern Hemisphere snow water equivalent dataset. Scientific Data, 2021, 8, 163. | 5.3 | 58 |
| 3 | Patterns and trends of Northern Hemisphere snow mass from 1980 to 2018. Nature, 2020, 581, 294-298. | 27.8 | 203 |
| 4 | A Modeling-Based Approach for Soil Frost Detection in the Northern Boreal Forest Region With C-Band SAR. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1069-1083. | 6.3 | 14 |
| 5 | Soil Permittivity and Soil Frost Retrievals Using a Synergistic Method for Active and Passive Microwave Instruments. , 2018, , . | | 0 |
| 6 | Spatially Distributed Evaluation of ESA CCI Soil Moisture Products in a Northern Boreal Forest Environment. Geosciences (Switzerland), 2018, 8, 51. | 2.2 | 16 |
| 7 | ESA CCI Soil Moisture for improved Earth system understanding: State-of-the art and future directions. Remote Sensing of Environment, 2017, 203, 185-215. | 11.0 | 781 |
| 8 | The SodankylÄ in situ soil moisture observation network: an example application of ESAÄCCI soil moisture product evaluation. Geoscientific Instrumentation, Methods and Data Systems, 2016, 5, 95-108. | 1.6 | 28 |
| 9 | Assessing global satellite-based snow water equivalent datasets in ESA SnowPEX project. , 2016, , . | | 2 |
| 10 | Performance inter-comparison of soil moisture retrieval models for the MetOp-A ASCAT instrument. , 2014, , . | | 11 |