

Tuomo Smolander

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7943695/publications.pdf>

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	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
2	Patterns and trends of Northern Hemisphere snow mass from 1980 to 2018. Nature, 2020, 581, 294-298.	27.8	203
3	GlobSnow v3.0 Northern Hemisphere snow water equivalent dataset. Scientific Data, 2021, 8, 163.	5.3	58
4	The Sodankylä in situ soil moisture observation network: an example application of ESA CCI soil moisture product evaluation. Geoscientific Instrumentation, Methods and Data Systems, 2016, 5, 95-108.	1.6	28
5	Spatially Distributed Evaluation of ESA CCI Soil Moisture Products in a Northern Boreal Forest Environment. Geosciences (Switzerland), 2018, 8, 51.	2.2	16
6	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
7	Performance inter-comparison of soil moisture retrieval models for the MetOp-A ASCAT instrument. , 2014, , .		11
8	Sentinel-1 based soil freeze/thaw estimation in boreal forest environments. Remote Sensing of Environment, 2021, 254, 112267.	11.0	10
9	Assessing global satellite-based snow water equivalent datasets in ESA SnowPEX project. , 2016, , .		2
10	Soil Permittivity and Soil Frost Retrievals Using a Synergistic Method for Active and Passive Microwave Instruments. , 2018, , .		0