

Sofia Antonova

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

296
citations

1306789

7
h-index

1588620

8
g-index

9
all docs

9
docs citations

9
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	Thaw Subsidence of a Yedoma Landscape in Northern Siberia, Measured In Situ and Estimated from TerraSAR-X Interferometry. <i>Remote Sensing</i> , 2018, 10, 494.	1.8	69
2	Sentinel-1 SAR Interferometry for Surface Deformation Monitoring in Low-Land Permafrost Areas. <i>Remote Sensing</i> , 2018, 10, 1360.	1.8	67
3	A Statistical Test of Phase Closure to Detect Influences on $DInSAR$ Deformation Estimates Besides Displacements and Decorrelation Noise: Two Case Studies in High-Latitude Regions. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 5588-5601.	2.7	52
4	Monitoring Bedfast Ice and Ice Phenology in Lakes of the Lena River Delta Using TerraSAR-X Backscatter and Coherence Time Series. <i>Remote Sensing</i> , 2016, 8, 903.	1.8	32
5	Spatio-temporal variability of X-band radar backscatter and coherence over the Lena River Delta, Siberia. <i>Remote Sensing of Environment</i> , 2016, 182, 169-191.	4.6	30
6	Toward understanding the contribution of waterbodies to the methane emissions of a permafrost landscape on a regional scaleâ€”A case study from the Mackenzie Delta, Canada. <i>Global Change Biology</i> , 2018, 24, 3976-3989.	4.2	24
7	Estimating tree height from TanDEM-X data at the northwestern Canadian treeline. <i>Remote Sensing of Environment</i> , 2019, 231, 111251.	4.6	11
8	Serpentine (Floating) Ice Channels and their Interaction with Riverbed Permafrost in the Lena River Delta, Russia. <i>Frontiers in Earth Science</i> , 0, 9, .	0.8	10
9	Correction to "A Statistical Test of Phase Closure to Detect Influences on DInSAR Deformation Estimates Besides Displacements and Decorrelation Noise: Two Case Studies in High-Latitude Regions" [Sep 16 5588-5601]. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 623-623.	2.7	1