

# Sofia Antonova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4938330/publications.pdf>

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9  
papers

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1307594  
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522  
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#	ARTICLE	IF	CITATIONS
1	Thaw Subsidence of a Yedoma Landscape in Northern Siberia, Measured In Situ and Estimated from TerraSAR-X Interferometry. Remote Sensing, 2018, 10, 494.	4.0	69
2	Sentinel-1 SAR Interferometry for Surface Deformation Monitoring in Low-Land Permafrost Areas. Remote Sensing, 2018, 10, 1360.	4.0	67
3	A Statistical Test of Phase Closure to Detect Influences on <math>\Delta InSAR</math> Deformation Estimates Besides Displacements and Decorrelation Noise: Two Case Studies in High-Latitude Regions. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5588-5601.	6.3	52
4	Monitoring Bedfast Ice and Ice Phenology in Lakes of the Lena River Delta Using TerraSAR-X Backscatter and Coherence Time Series. Remote Sensing, 2016, 8, 903.	4.0	32
5	Spatio-temporal variability of X-band radar backscatter and coherence over the Lena River Delta, Siberia. Remote Sensing of Environment, 2016, 182, 169-191.	11.0	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. Global Change Biology, 2018, 24, 3976-3989.	9.5	24
7	Estimating tree height from TanDEM-X data at the northwestern Canadian treeline. Remote Sensing of Environment, 2019, 231, 111251.	11.0	11
8	Serpentine (Floating) Ice Channels and their Interaction with Riverbed Permafrost in the Lena River Delta, Russia. Frontiers in Earth Science, 0, 9, .	1.8	10
9	Correction to â€œA Statistical Test of Phase Closure to Detect Influences on DInSAR Deformation Estimates Besides Displacements and Decorrelation Noise: Two Case Studies in High-Latitude Regionsâ€• [Sep 16 5588-5601]. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 623-623.	6.3	1