

# Melanie Engram

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2942792/publications.pdf>

Version: 2024-02-01

12  
papers

291  
citations

1039406

9  
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1281420

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14  
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14  
docs citations

14  
times ranked

420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyzing floating and bedfast lake ice regimes across Arctic Alaska using 25 years of space-borne SAR imagery. <i>Remote Sensing of Environment</i> , 2018, 209, 660-676.	4.6	57
2	Remote sensing northern lake methane ebullition. <i>Nature Climate Change</i> , 2020, 10, 511-517.	8.1	45
3	The Potential Use of Synthetic Aperture Radar for Estimating Methane Ebullition From Arctic Lakes. <i>Journal of the American Water Resources Association</i> , 2008, 44, 305-315.	1.0	32
4	Synthetic aperture radar (SAR) backscatter response from methane ebullition bubbles trapped by thermokarst lake ice. <i>Canadian Journal of Remote Sensing</i> , 2013, 38, 667-682.	1.1	31
5	Characterization of L-band synthetic aperture radar (SAR) backscatter from floating and grounded thermokarst lake ice in Arctic Alaska. <i>Cryosphere</i> , 2013, 7, 1741-1752.	1.5	26
6	Ice roads through lake-rich Arctic watersheds: Integrating climate uncertainty and freshwater habitat responses into adaptive management. <i>Arctic, Antarctic, and Alpine Research</i> , 2019, 51, 9-23.	0.4	22
7	Transient Electromagnetic Surveys for the Determination of Talik Depth and Geometry Beneath Thermokarst Lakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 9310-9323.	1.4	21
8	Decadal-scale hotspot methane ebullition within lakes following abrupt permafrost thaw. <i>Environmental Research Letters</i> , 2021, 16, 035010.	2.2	21
9	Characterizing C-band backscattering from thermokarst lake ice on the Qinghai-Tibet Plateau. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 104, 63-76.	4.9	16
10	Contrasting lake ice responses to winter climate indicate future variability and trends on the Alaskan Arctic Coastal Plain. <i>Environmental Research Letters</i> , 2018, 13, 125001.	2.2	11
11	Influence of permafrost thaw on an extreme geologic methane seep. <i>Permafrost and Periglacial Processes</i> , 2021, 32, 484-502.	1.5	8
12	Permafrost thaw lake methane flux estimates using GPR. , 2020, , .		0