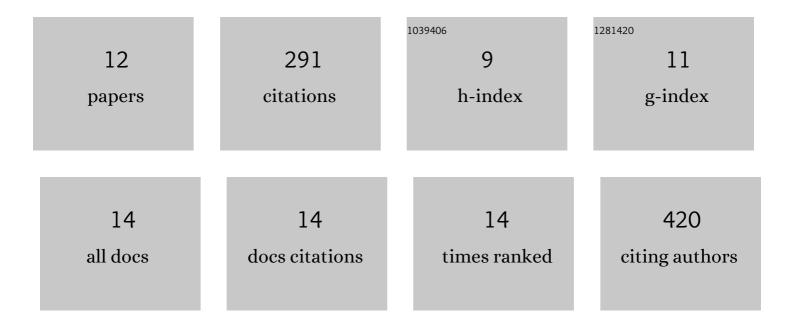
## Melanie Engram

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2942792/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Analyzing floating and bedfast lake ice regimes across Arctic Alaska using 25†years of space-borne SAR imagery. Remote Sensing of Environment, 2018, 209, 660-676.	4.6	57
2	Remote sensing northern lake methane ebullition. Nature Climate Change, 2020, 10, 511-517.	8.1	45
3	The Potential Use of Synthetic Aperture Radar for Estimating Methane Ebullition From Arctic Lakes <sup>1</sup> . Journal of the American Water Resources Association, 2008, 44, 305-315.	1.0	32
4	Synthetic aperture radar (SAR) backscatter response from methane ebullition bubbles trapped by thermokarst lake ice. Canadian Journal of Remote Sensing, 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. Cryosphere, 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. Arctic, Antarctic, and Alpine Research, 2019, 51, 9-23.	0.4	22
7	Transient Electromagnetic Surveys for the Determination of Talik Depth and Geometry Beneath Thermokarst Lakes. Journal of Geophysical Research: Solid Earth, 2018, 123, 9310-9323.	1.4	21
8	Decadal-scale hotspot methane ebullition within lakes following abrupt permafrost thaw. Environmental Research Letters, 2021, 16, 035010.	2.2	21
9	Characterizing C-band backscattering from thermokarst lake ice on the Qinghai–Tibet Plateau. ISPRS Journal of Photogrammetry and Remote Sensing, 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. Environmental Research Letters, 2018, 13, 125001.	2.2	11
11	Influence of permafrost thaw on an extreme geologic methane seep. Permafrost and Periglacial Processes, 2021, 32, 484-502.	1.5	8

12 Permafrost thaw lake methane flux estimates using GPR. , 2020, , .

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