Helena Bergstedt

List of Publications by Year in descending order

16	336	1162367 8	1058022 14
papers	citations	h-index	g-index

19	19	19	700
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new Stefan equation to characterize the evolution of thermokarst lake and talik geometry. Cryosphere, 2022, 16, 1247-1264.	1.5	5
2	Geophysical Observations of Taliks Below Drained Lake Basins on the Arctic Coastal Plain of Alaska. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020889.	1.4	9
3	Remote Sensing-Based Statistical Approach for Defining Drained Lake Basins in a Continuous Permafrost Region, North Slope of Alaska. Remote Sensing, 2021, 13, 2539.	1.8	8
4	Utility of Polarizations Available from Sentinel-1 for Tundra Mapping. , 2021, , .		1
5	Big Earth data: disruptive changes in Earth observation data management and analysis?. International Journal of Digital Earth, 2020, 13, 832-850.	1.6	114
6	Influence of surface water on coarse resolution C-band backscatter: Implications for freeze/thaw retrieval from scatterometer data. Remote Sensing of Environment, 2020, 247, 111911.	4.6	7
7	Recent trends and remaining challenges for optical remote sensing of Arctic tundra vegetation: A review and outlook. Remote Sensing of Environment, 2020, 246, 111872.	4.6	82
8	Deriving a Frozen Area Fraction From Metop ASCAT Backscatter Based on Sentinel-1. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6008-6019.	2.7	6
9	Assessing the Link between Human Modification and Changes in Land Surface Temperature in Hainan, China Using Image Archives from Google Earth Engine. Remote Sensing, 2020, 12, 888.	1.8	22
10	Seasonal Progression of Ground Displacement Identified with Satellite Radar Interferometry and the Impact of Unusually Warm Conditions on Permafrost at the Yamal Peninsula in 2016. Remote Sensing, 2019, 11, 1865.	1.8	30
11	The Permafrost Young Researchers Network (PYRN) is getting older: The past, present, and future of our evolving community. Polar Record, 2019, 55, 216-219.	0.4	1
12	Circumpolar patterns of potential mean annual ground temperature based on surface state obtained from microwave satellite data. Cryosphere, 2018, 12, 2349-2370.	1.5	9
13	Evaluation of a MetOp ASCAT-Derived Surface Soil Moisture Product in Tundra Environments. Journal of Geophysical Research F: Earth Surface, 2018, 123, 3190-3205.	1.0	5
14	Dependence of C-Band Backscatter on Ground Temperature, Air Temperature and Snow Depth in Arctic Permafrost Regions. Remote Sensing, 2018, 10, 142.	1.8	20
15	Surface State across Scales; Temporal and Spatial Patterns in Land Surface Freeze/Thaw Dynamics. Geosciences (Switzerland), 2017, 7, 65.	1.0	9
16	Cumulative impacts of a gravel road and climate change in an ice-wedge-polygon landscape, Prudhoe Bay, Alaska. Arctic Science, 0, , .	0.9	7