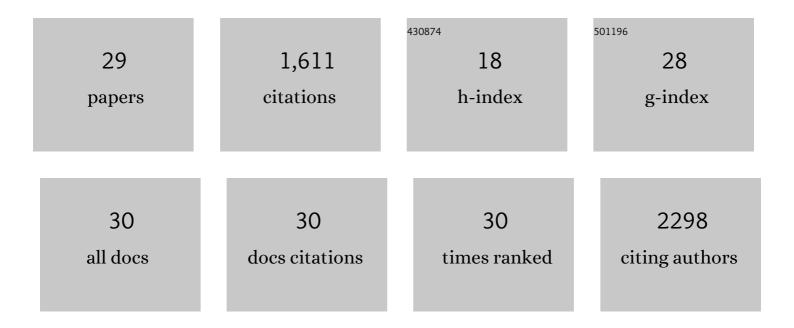
Gerald V Frost

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4853594/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Pan-Arctic ice-wedge degradation in warming permafrost and its influence on tundra hydrology. Nature Geoscience, 2016, 9, 312-318.	12.9	527
2	Tall shrub and tree expansion in Siberian tundra ecotones since the 1960s. Global Change Biology, 2014, 20, 1264-1277.	9.5	225
3	A raster version of the Circumpolar Arctic Vegetation Map (CAVM). Remote Sensing of Environment, 2019, 232, 111297.	11.0	108
4	Tundra vegetation change and impacts on permafrost. Nature Reviews Earth & Environment, 2022, 3, 68-84.	29.7	87
5	Recent trends and remaining challenges for optical remote sensing of Arctic tundra vegetation: A review and outlook. Remote Sensing of Environment, 2020, 246, 111872.	11.0	82
6	Patterned-ground facilitates shrub expansion in Low Arctic tundra. Environmental Research Letters, 2013, 8, 015035.	5.2	81
7	Regional and landscape-scale variability of Landsat-observed vegetation dynamics in northwest Siberian tundra. Environmental Research Letters, 2014, 9, 025004.	5.2	54
8	Seasonal and Long-Term Changes to Active-Layer Temperatures after Tall Shrubland Expansion and Succession in Arctic Tundra. Ecosystems, 2018, 21, 507-520.	3.4	49
9	Feasibility of tundra vegetation height retrieval from Sentinel-1 and Sentinel-2 data. Remote Sensing of Environment, 2020, 237, 111515.	11.0	42
10	Shallow soils are warmer under trees and tall shrubs across Arctic and Boreal ecosystems. Environmental Research Letters, 2021, 16, 015001.	5.2	39
11	Regional Quantitative Cover Mapping of Tundra Plant Functional Types in Arctic Alaska. Remote Sensing, 2017, 9, 1024.	4.0	31
12	Drivers of Landscape Changes in Coastal Ecosystems on the Yukon-Kuskokwim Delta, Alaska. Remote Sensing, 2018, 10, 1280.	4.0	30
13	Multi-decadal patterns of vegetation succession after tundra fire on the Yukon-Kuskokwim Delta, Alaska. Environmental Research Letters, 2020, 15, 025003.	5.2	30
14	The Arctic. Bulletin of the American Meteorological Society, 2020, 101, S239-S286.	3.3	29
15	Lichen cover mapping for caribou ranges in interior Alaska and Yukon. Environmental Research Letters, 2020, 15, 055001.	5.2	26
16	Regional Patterns and Asynchronous Onset of Ice-Wedge Degradation since the Mid-20th Century in Arctic Alaska. Remote Sensing, 2018, 10, 1312.	4.0	25
17	The Arctic. Bulletin of the American Meteorological Society, 2021, 102, S263-S316.	3.3	23
18	The Roles of Climate Extremes, Ecological Succession, and Hydrology in Repeated Permafrost Aggradation and Degradation in Fens on the Tanana Flats, Alaska. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005824.	3.0	22

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19	Arctic riparian shrub expansion indicates a shift from streams gaining water to those that lose flow. Communications Earth & Environment, 2020, 1, .	6.8	15
20	Assessment of LiDAR and Spectral Techniques for High-Resolution Mapping of Sporadic Permafrost on the Yukon-Kuskokwim Delta, Alaska. Remote Sensing, 2018, 10, 258.	4.0	14
21	Climate drivers of Arctic tundra variability and change using an indicators framework. Environmental Research Letters, 2021, 16, 055019.	5.2	14
22	Remote Sensing of Tundra Ecosystems Using High Spectral Resolution Reflectance: Opportunities and Challenges. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	14
23	Thermokarst acceleration in Arctic tundra driven by climate change and fire disturbance. One Earth, 2021, 4, 1718-1729.	6.8	14
24	Time-series maps reveal widespread change in plant functional type cover across Arctic and boreal Alaska and Yukon. Environmental Research Letters, 2022, 17, 054042.	5.2	10
25	Is Alaska's Yukon–Kuskokwim Delta Greening or Browning? Resolving Mixed Signals of Tundra Vegetation Dynamics and Drivers in the Maritime Arctic. Earth Interactions, 2021, 25, 76-93.	1.5	7
26	Vegetation on mesic loamy and sandy soils along a 1700â€km maritime Eurasia Arctic Transect. Applied Vegetation Science, 2019, 22, 150-167.	1.9	5
27	Spatial patterns of arctic tundra vegetation properties on different soils along the Eurasia Arctic Transect, and insights for a changing Arctic. Environmental Research Letters, 2021, 16, 014008.	5.2	5
28	Integrated terrain unit mapping on the Beaufort Coastal Plain, North Slope, Alaska, USA. Landscape Ecology, 2021, 36, 549-579.	4.2	3
29	ALASKA. Madroño, 2020, 66, 125.	0.4	0