Verity G Salmon

List of Publications by Year
in descending order

25	1,150	706676 14	721071 23
papers	citations	h-index	g-index

31	31	31	2034
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Whole-Ecosystem Warming Increases Plant-Available Nitrogen and Phosphorus in an Ombrotrophic Bog. Ecosystems, 2023, 26, 86-113.	1.6	13
2	Assessing dynamic vegetation model parameter uncertainty across Alaskan arctic tundra plant communities. Ecological Applications, 2022, 32, e02499.	1.8	3
3	High nitrate variability on an Alaskan permafrost hillslope dominated by alder shrubs. Cryosphere, 2022, 16, 1889-1901.	1.5	3
4	Topographical Controls on Hillslopeâ€Scale Hydrology Drive Shrub Distributions on the Seward Peninsula, Alaska. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005823.	1.3	13
5	Solar position confounds the relationship between ecosystem function and vegetation indices derived from solar and photosynthetically active radiation fluxes. Agricultural and Forest Meteorology, 2021, 298-299, 108291.	1.9	10
6	Integrating Arctic Plant Functional Types in a Land Surface Model Using Aboveâ€•and Belowground Field Observations. Journal of Advances in Modeling Earth Systems, 2021, 13, e2020MS002396.	1.3	27
7	Landscape-scale characterization of Arctic tundra vegetation composition, structure, and function with a multi-sensor unoccupied aerial system. Environmental Research Letters, 2021, 16, 085005.	2.2	9
8	Nitrogen and phosphorus cycling in an ombrotrophic peatland: a benchmark for assessing change. Plant and Soil, 2021, 466, 649-674.	1.8	15
9	Shallow soils are warmer under trees and tall shrubs across Arctic and Boreal ecosystems. Environmental Research Letters, 2021, 16, 015001.	2.2	39
10	A starting guide to root ecology: strengthening ecological concepts and standardising root classification, sampling, processing and trait measurements. New Phytologist, 2021, 232, 973-1122.	3.5	216
11	A Multi-Sensor Unoccupied Aerial System Improves Characterization of Vegetation Composition and Canopy Properties in the Arctic Tundra. Remote Sensing, 2020, 12, 2638.	1.8	24
12	Direct observation of permafrost degradation and rapid soil carbon loss in tundra. Nature Geoscience, 2019, 12, 627-631.	5.4	137
13	Alder Distribution and Expansion Across a Tundra Hillslope: Implications for Local N Cycling. Frontiers in Plant Science, 2019, 10, 1099.	1.7	37
14	Long-term warming research in high-latitude ecosystems: Responses from polar ecosystems and implications for future climate. , 2019, , 441-487.		2
15	Using Stable Carbon Isotopes of Seasonal Ecosystem Respiration to Determine Permafrost Carbon Loss. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 46-60.	1.3	8
16	Divergent patterns of experimental and model-derived permafrost ecosystem carbon dynamics in response to Arctic warming. Environmental Research Letters, 2018, 13, 105002.	2.2	31
17	Biotic responses buffer warmingâ€induced soil organic carbon loss in Arctic tundra. Global Change Biology, 2018, 24, 4946-4959.	4.2	21
18	Adding Depth to Our Understanding of Nitrogen Dynamics in Permafrost Soils. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 2497-2512.	1.3	73

#	Article	IF	Citations
19	Nonlinear <scp>CO</scp>₂ flux response to 7Âyears of experimentally induced permafrost thaw. Global Change Biology, 2017, 23, 3646-3666.	4.2	64
20	Tundra is a consistent source of CO₂ at a site with progressive permafrost thaw during 6Âyears of chamber and eddy covariance measurements. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 1471-1485.	1.3	29
21	Nitrogen availability increases in a tundra ecosystem during five years of experimental permafrost thaw. Global Change Biology, 2016, 22, 1927-1941.	4.2	153
22	Experimental Warming Alters Productivity and Isotopic Signatures of Tundra Mosses. Ecosystems, 2015, 18, 1070-1082.	1.6	34
23	Permafrost thaw and soil moisture driving CO₂ and CH₄ release from upland tundra. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 525-537.	1.3	163
24	Contrasting effects of long term versus short-term nitrogen addition on photosynthesis and respiration in the Arctic. Plant Ecology, 2013, 214, 1273-1286.	0.7	13
25	We Must Stop Fossil Fuel Emissions to Protect Permafrost Ecosystems. Frontiers in Environmental Science, 0, 10, .	1.5	9