## Verity G Salmon

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3443320/publications.pdf Version: 2024-02-01

	623734	642732
1,150	14	23
citations	h-index	g-index
		1 = 0 =
31	31	1795
docs citations	times ranked	citing authors
	1,150 citations 31 docs citations	1,150 citations 14 h-index 31 docs citations 31 times ranked

#	Article	IF	CITATIONS
1	A starting guide to root ecology: strengthening ecological concepts and standardising root classification, sampling, processing and trait measurements. New Phytologist, 2021, 232, 973-1122.	7.3	216
2	Permafrost thaw and soil moisture driving CO <sub>2</sub> and CH <sub>4</sub> release from upland tundra. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 525-537.	3.0	163
3	Nitrogen availability increases in a tundra ecosystem during five years of experimental permafrost thaw. Global Change Biology, 2016, 22, 1927-1941.	9.5	153
4	Direct observation of permafrost degradation and rapid soil carbon loss in tundra. Nature Geoscience, 2019, 12, 627-631.	12.9	137
5	Adding Depth to Our Understanding of Nitrogen Dynamics in Permafrost Soils. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 2497-2512.	3.0	73
6	Nonlinear <scp>CO</scp> <sub>2</sub> flux response to 7Âyears of experimentally induced permafrost thaw. Global Change Biology, 2017, 23, 3646-3666.	9.5	64
7	Shallow soils are warmer under trees and tall shrubs across Arctic and Boreal ecosystems. Environmental Research Letters, 2021, 16, 015001.	5.2	39
8	Alder Distribution and Expansion Across a Tundra Hillslope: Implications for Local N Cycling. Frontiers in Plant Science, 2019, 10, 1099.	3.6	37
9	Experimental Warming Alters Productivity and Isotopic Signatures of Tundra Mosses. Ecosystems, 2015, 18, 1070-1082.	3.4	34
10	Divergent patterns of experimental and model-derived permafrost ecosystem carbon dynamics in response to Arctic warming. Environmental Research Letters, 2018, 13, 105002.	5.2	31
11	Tundra is a consistent source of CO <sub>2</sub> 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.	3.0	29
12	Integrating Arctic Plant Functional Types in a Land Surface Model Using Above―and Belowground Field Observations. Journal of Advances in Modeling Earth Systems, 2021, 13, e2020MS002396.	3.8	27
13	A Multi-Sensor Unoccupied Aerial System Improves Characterization of Vegetation Composition and Canopy Properties in the Arctic Tundra. Remote Sensing, 2020, 12, 2638.	4.0	24
14	Biotic responses buffer warmingâ€induced soil organic carbon loss in Arctic tundra. Global Change Biology, 2018, 24, 4946-4959.	9.5	21
15	Nitrogen and phosphorus cycling in an ombrotrophic peatland: a benchmark for assessing change. Plant and Soil, 2021, 466, 649-674.	3.7	15
16	Contrasting effects of long term versus short-term nitrogen addition on photosynthesis and respiration in the Arctic. Plant Ecology, 2013, 214, 1273-1286.	1.6	13
17	Topographical Controls on Hillslopeâ€Scale Hydrology Drive Shrub Distributions on the Seward Peninsula, Alaska. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005823. 	3.0	13
18	Whole-Ecosystem Warming Increases Plant-Available Nitrogen and Phosphorus in an Ombrotrophic Bog. Ecosystems, 2023, 26, 86-113.	3.4	13

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#	Article	IF	CITATIONS
19	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.	4.8	10
20	Landscape-scale characterization of Arctic tundra vegetation composition, structure, and function with a multi-sensor unoccupied aerial system. Environmental Research Letters, 2021, 16, 085005.	5.2	9
21	We Must Stop Fossil Fuel Emissions to Protect Permafrost Ecosystems. Frontiers in Environmental Science, 0, 10, .	3.3	9
22	Using Stable Carbon Isotopes of Seasonal Ecosystem Respiration to Determine Permafrost Carbon Loss. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 46-60.	3.0	8
23	Assessing dynamic vegetation model parameter uncertainty across Alaskan arctic tundra plant communities. Ecological Applications, 2022, 32, e02499.	3.8	3
24	High nitrate variability on an Alaskan permafrost hillslope dominated by alder shrubs. Cryosphere, 2022, 16, 1889-1901.	3.9	3
25	Long-term warming research in high-latitude ecosystems: Responses from polar ecosystems and implications for future climate. , 2019, , 441-487.		2