

Verity G Salmon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3443320/publications.pdf>

Version: 2024-02-01

25
papers

1,150
citations

623699

14
h-index

642715

23
g-index

31
all docs

31
docs citations

31
times ranked

1795
citing authors

#	ARTICLE	IF	CITATIONS
1	A starting guide to root ecology: strengthening ecological concepts and standardising root classification, sampling, processing and trait measurements. <i>New Phytologist</i> , 2021, 232, 973-1122.	7.3	216
2	Permafrost thaw and soil moisture driving CO ₂ and CH ₄ release from upland tundra. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 525-537.	3.0	163
3	Nitrogen availability increases in a tundra ecosystem during five years of experimental permafrost thaw. <i>Global Change Biology</i> , 2016, 22, 1927-1941.	9.5	153
4	Direct observation of permafrost degradation and rapid soil carbon loss in tundra. <i>Nature Geoscience</i> , 2019, 12, 627-631.	12.9	137
5	Adding Depth to Our Understanding of Nitrogen Dynamics in Permafrost Soils. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2497-2512.	3.0	73
6	Nonlinear CO ₂ flux response to 7 years of experimentally induced permafrost thaw. <i>Global Change Biology</i> , 2017, 23, 3646-3666.	9.5	64
7	Shallow soils are warmer under trees and tall shrubs across Arctic and Boreal ecosystems. <i>Environmental Research Letters</i> , 2021, 16, 015001.	5.2	39
8	Alder Distribution and Expansion Across a Tundra Hillslope: Implications for Local N Cycling. <i>Frontiers in Plant Science</i> , 2019, 10, 1099.	3.6	37
9	Experimental Warming Alters Productivity and Isotopic Signatures of Tundra Mosses. <i>Ecosystems</i> , 2015, 18, 1070-1082.	3.4	34
10	Divergent patterns of experimental and model-derived permafrost ecosystem carbon dynamics in response to Arctic warming. <i>Environmental Research Letters</i> , 2018, 13, 105002.	5.2	31
11	Tundra is a consistent source of CO ₂ at a site with progressive permafrost thaw during 6 years of chamber and eddy covariance measurements. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1471-1485.	3.0	29
12	Integrating Arctic Plant Functional Types in a Land Surface Model Using Above- and Belowground Field Observations. <i>Journal of Advances in Modeling Earth Systems</i> , 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. <i>Remote Sensing</i> , 2020, 12, 2638.	4.0	24
14	Biotic responses buffer warming-induced soil organic carbon loss in Arctic tundra. <i>Global Change Biology</i> , 2018, 24, 4946-4959.	9.5	21
15	Nitrogen and phosphorus cycling in an ombrotrophic peatland: a benchmark for assessing change. <i>Plant and Soil</i> , 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. <i>Plant Ecology</i> , 2013, 214, 1273-1286.	1.6	13
17	Topographical Controls on Hillslope-Scale Hydrology Drive Shrub Distributions on the Seward Peninsula, Alaska. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005823.	3.0	13
18	Whole-Ecosystem Warming Increases Plant-Available Nitrogen and Phosphorus in an Ombrotrophic Bog. <i>Ecosystems</i> , 2023, 26, 86-113.	3.4	13

#	ARTICLE	IF	CITATIONS
19	Solar position confounds the relationship between ecosystem function and vegetation indices derived from solar and photosynthetically active radiation fluxes. <i>Agricultural and Forest Meteorology</i> , 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. <i>Environmental Research Letters</i> , 2021, 16, 085005.	5.2	9
21	We Must Stop Fossil Fuel Emissions to Protect Permafrost Ecosystems. <i>Frontiers in Environmental Science</i> , 0, 10, .	3.3	9
22	Using Stable Carbon Isotopes of Seasonal Ecosystem Respiration to Determine Permafrost Carbon Loss. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 46-60.	3.0	8
23	Assessing dynamic vegetation model parameter uncertainty across Alaskan arctic tundra plant communities. <i>Ecological Applications</i> , 2022, 32, e02499.	3.8	3
24	High nitrate variability on an Alaskan permafrost hillslope dominated by alder shrubs. <i>Cryosphere</i> , 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