

Thomas C Parker

List of Publications by Year in descending order

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Version: 2024-02-01

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836
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933447

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1791
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#	ARTICLE	IF	CITATIONS
1	Intraspecific variation in phenology offers resilience to climate change for <i>Eriophorum vaginatum</i> . <i>Arctic Science</i> , 2022, 8, 935-951.	2.3	4
2	Responses of root phenology in ecotypes of <i>Eriophorum vaginatum</i> to transplantation and warming in the Arctic. <i>Science of the Total Environment</i> , 2022, 805, 149926.	8.0	5
3	Shrub expansion in the Arctic may induce large-scale carbon losses due to changes in plant-soil interactions. <i>Plant and Soil</i> , 2021, 463, 643-651.	3.7	28
4	Predicting Soil Respiration from Plant Productivity (NDVI) in a Sub-Arctic Tundra Ecosystem. <i>Remote Sensing</i> , 2021, 13, 2571.	4.0	6
5	Spatial patterns in soil organic matter dynamics are shaped by mycorrhizosphere interactions in a treeline forest. <i>Plant and Soil</i> , 2020, 447, 521-535.	3.7	8
6	Tree planting in organic soils does not result in net carbon sequestration on decadal timescales. <i>Global Change Biology</i> , 2020, 26, 5178-5188.	9.5	61
7	Root-associated fungi and carbon storage in Arctic ecosystems. <i>New Phytologist</i> , 2020, 226, 8-10.	7.3	3
8	Rhizosphere allocation by canopy-forming species dominates soil CO ₂ efflux in a subarctic landscape. <i>New Phytologist</i> , 2020, 227, 1818-1830.	7.3	16
9	Complexity revealed in the greening of the Arctic. <i>Nature Climate Change</i> , 2020, 10, 106-117.	18.8	447
10	Differential responses of ecotypes to climate in a ubiquitous Arctic sedge: implications for future ecosystem C cycling. <i>New Phytologist</i> , 2019, 223, 180-192.	7.3	16
11	Short term changes in moisture content drive strong changes in Normalized Difference Vegetation Index and gross primary productivity in four Arctic moss communities. <i>Remote Sensing of Environment</i> , 2018, 212, 114-120.	11.0	35
12	Exploring drivers of litter decomposition in a greening Arctic: results from a transplant experiment across a treeline. <i>Ecology</i> , 2018, 99, 2284-2294.	3.2	38
13	Ecotypic differences in the phenology of the tundra species <i>Eriophorum vaginatum</i> reflect sites of origin. <i>Ecology and Evolution</i> , 2017, 7, 9775-9786.	1.9	19
14	Slowed Biogeochemical Cycling in Sub-arctic Birch Forest Linked to Reduced Mycorrhizal Growth and Community Change after a Defoliation Event. <i>Ecosystems</i> , 2017, 20, 316-330.	3.4	29
15	Biogenic silica accumulation varies across tussock tundra plant functional type. <i>Functional Ecology</i> , 2017, 31, 2177-2187.	3.6	10
16	Rapid carbon turnover beneath shrub and tree vegetation is associated with low soil carbon stocks at a subarctic treeline. <i>Global Change Biology</i> , 2015, 21, 2070-2081.	9.5	110
17	Interspecific and intraspecific variation in leaf toughness of Arctic plants in relation to habitat and nutrient supply. <i>Arctic Science</i> , 0, , 1-15.	2.3	1
18	Whole-crown ¹³ C-pulse labelling in a sub-arctic woodland to target canopy-specific carbon fluxes. <i>Trees - Structure and Function</i> , 0, , 1.	1.9	0