

Case M Prager

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2011468/publications.pdf>

Version: 2024-02-01

21
papers

737
citations

840585

11
h-index

713332

21
g-index

21
all docs

21
docs citations

21
times ranked

1678
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating aboveground biomass and leaf area of low-stature Arctic shrubs with terrestrial LiDAR. <i>Remote Sensing of Environment</i> , 2015, 164, 26-35.	4.6	141
2	Biodiversity and human well-being: an essential link for sustainable development. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20162091.	1.2	137
3	The importance of rare species: a trait-based assessment of rare species contributions to functional diversity and possible ecosystem function in tall-grass prairies. <i>Ecology and Evolution</i> , 2014, 4, 104-112.	0.8	135
4	High-resolution mapping of aboveground shrub biomass in Arctic tundra using airborne lidar and imagery. <i>Remote Sensing of Environment</i> , 2016, 184, 361-373.	4.6	72
5	Biodiversity as a multidimensional construct: a review, framework and case study of herbivory's impact on plant biodiversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20153005.	1.2	52
6	LiDAR canopy radiation model reveals patterns of photosynthetic partitioning in an Arctic shrub. <i>Agricultural and Forest Meteorology</i> , 2016, 221, 78-93.	1.9	28
7	A gradient of nutrient enrichment reveals nonlinear impacts of fertilization on Arctic plant diversity and ecosystem function. <i>Ecology and Evolution</i> , 2017, 7, 2449-2460.	0.8	24
8	Applying terrestrial lidar for evaluation and calibration of airborne lidar-derived shrub biomass estimates in Arctic tundra. <i>Remote Sensing Letters</i> , 2017, 8, 175-184.	0.6	23
9	Variation in the methods leads to variation in the interpretation of biodiversity-ecosystem multifunctionality relationships. <i>Journal of Plant Ecology</i> , 2020, 13, 431-441.	1.2	17
10	Scaling Thermal Properties from the Leaf to the Canopy in the Alaskan Arctic Tundra. <i>Arctic, Antarctic, and Alpine Research</i> , 2016, 48, 739-754.	0.4	13
11	Where does the carbon go? Thermal acclimation of respiration and increased photosynthesis in trees at the temperate-boreal ecotone. <i>Tree Physiology</i> , 2017, 37, 281-284.	1.4	12
12	20 cm resolution mapping of tundra vegetation communities provides an ecological baseline for important research areas in a changing Arctic environment. <i>Environmental Research Communications</i> , 2019, 1, 105004.	0.9	12
13	Spatial turnover of multiple ecosystem functions is more associated with plant than soil microbial diversity. <i>Ecosphere</i> , 2021, 12, e03644.	1.0	12
14	The influence of aboveground and belowground species composition on spatial turnover in nutrient pools in alpine grasslands. <i>Global Ecology and Biogeography</i> , 2022, 31, 486-500.	2.7	11
15	An assessment of adherence to basic ecological principles by payments for ecosystem service projects. <i>Conservation Biology</i> , 2016, 30, 836-845.	2.4	10
16	Xanthophyll Cycle Activity in Two Prominent Arctic Shrub Species. <i>Arctic, Antarctic, and Alpine Research</i> , 2017, 49, 277-289.	0.4	10
17	A mechanism of expansion: Arctic deciduous shrubs capitalize on warming-induced nutrient availability. <i>Oecologia</i> , 2020, 192, 671-685.	0.9	8
18	Trophic complexity alters the diversity-multifunctionality relationship in experimental grassland mesocosms. <i>Ecology and Evolution</i> , 2021, 11, 6471-6479.	0.8	6

#	ARTICLE	IF	CITATIONS
19	Spectral determination of concentrations of functionally diverse pigments in increasingly complex arctic tundra canopies. <i>Oecologia</i> , 2016, 182, 85-97.	0.9	5
20	Growth and physiology of a dominant understory shrub, <i>Hamamelis virginiana</i> , following canopy disturbance in a temperate hardwood forest. <i>Canadian Journal of Forest Research</i> , 2017, 47, 193-202.	0.8	5
21	Climate and multiple dimensions of plant diversity regulate ecosystem carbon exchange along an elevational gradient. <i>Ecosphere</i> , 2021, 12, e03472.	1.0	4