Virve T Ravolainen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1634612/publications.pdf

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27 papers	2,695 citations	471509 17 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	4306 citing authors

#	Article	IF	Citations
1	Shrub expansion in tundra ecosystems: dynamics, impacts and research priorities. Environmental Research Letters, 2011, 6, 045509.	5.2	1,021
2	Climate sensitivity of shrub growth across the tundra biome. Nature Climate Change, 2015, 5, 887-891.	18.8	447
3	Local temperatures inferred from plant communities suggest strong spatial buffering of climate warming across <scp>N</scp>orthern <scp>E</scp>urope. Global Change Biology, 2013, 19, 1470-1481.	9.5	200
4	Climate change impacts on wildlife in a High Arctic archipelago â€“ Svalbard, Norway. Global Change Biology, 2017, 23, 490-502.	9.5	192
5	Status and trends in Arctic vegetation: Evidence from experimental warming and long-term monitoring. Ambio, 2020, 49, 678-692.	5.5	119
6	Methods for measuring arctic and alpine shrub growth: A review. Earth-Science Reviews, 2015, 140, 1-13.	9.1	112
7	Rapid, landscape scale responses in riparian tundra vegetation to exclusion of small and large mammalian herbivores. Basic and Applied Ecology, 2011, 12, 643-653.	2.7	74
8	Understanding the drivers of extensive plant damage in boreal and Arctic ecosystems: Insights from field surveys in the aftermath of damage. Science of the Total Environment, 2017, 599-600, 1965-1976.	8.0	74
9	The handbook for standardized field and laboratory measurements in terrestrial climate change experiments and observational studies (ClimEx). Methods in Ecology and Evolution, 2020, 11, 22-37.	5.2	68
10	Complementary impacts of small rodents and semiâ€domesticated ungulates limit tall shrub expansion in the tundra. Journal of Applied Ecology, 2014, 51, 234-241.	4.0	58
11	Arctic Small Rodents Have Diverse Diets and Flexible Food Selection. PLoS ONE, 2013, 8, e68128.	2.5	54
12	Rangifer management controls a climateâ€sensitive tundra state transition. Ecological Applications, 2017, 27, 2416-2427.	3.8	42
13	Disjunct populations of <scp>E</scp>uropean vascular plant species keep the same climatic niches. Global Ecology and Biogeography, 2015, 24, 1401-1412.	5.8	39
14	Endozoochory varies with ecological scale and context. Ecography, 2007, 30, 308-320.	4.5	31
15	High Arctic ecosystem states: Conceptual models of vegetation change to guide long-term monitoring and research. Ambio, 2020, 49, 666-677.	5.5	26
16	Niche construction by growth forms is as strong a predictor of species diversity as environmental gradients. Journal of Ecology, 2015, 103, 701-713.	4.0	23
17	Trophic interactions and abiotic factors drive functional and phylogenetic structure of vertebrate herbivore communities across the Arctic tundra biome. Ecography, 2019, 42, 1152-1163.	4.5	23
18	Arctic terrestrial biodiversity status and trends: A synopsis of science supporting the CBMP State of Arctic Terrestrial Biodiversity Report. Ambio, 2020, 49, 833-847.	5.5	21

#	Article	IF	Citations
19	Shrub patch configuration at the landscape scale is related to diversity of adjacent herbaceous vegetation. Plant Ecology and Diversity, 2013, 6, 257-268.	2.4	14
20	Developing a circumpolar programme for the monitoring of Arctic terrestrial biodiversity. Ambio, 2020, 49, 655-665.	5.5	14
21	Transferability of biotic interactions: Temporal consistency of arctic plantâ€“rodent relationships is poor. Ecology and Evolution, 2018, 8, 9697-9711.	1.9	13
22	Disturbance Mapping in Arctic Tundra Improved by a Planning Workflow for Drone Studies: Advancing Tools for Future Ecosystem Monitoring. Remote Sensing, 2021, 13, 4466.	4.0	11
23	Definition of sampling units begets conclusions in ecology: the case of habitats for plant communities. PeerJ, 2015, 3, e815.	2.0	6
24	Variable responses of carbon and nitrogen contents in vegetation and soil to herbivory and warming in highâ€Arctic tundra. Ecosphere, 2021, 12, e03746.	2.2	5
25	Decades of Recovery From Sheep Grazing Reveal No Effects on Plant Diversity Patterns Within Icelandic Tundra Landscapes. Frontiers in Ecology and Evolution, 2021, 8, .	2.2	5
26	Moving out of town? The status of alien plants in highâ€Arctic Svalbard, and a method for monitoring of alien flora in highâ€risk, polar environments. Ecological Solutions and Evidence, 2021, 2, e12056.	2.0	3
27	First results from an experiment excluding three sizes classes of herbivores from tundra vegetation in southern Yamal, Russia. Czech Polar Reports, 2016, 6, 132-140.	0.6	0