Minna-Maarit KytÃ¶viita

List of Publications by Year
in descending order

55 papers	1,481 citations	279798 23 h-index	345221 36 g-index
56 all docs	56 docs citations	56 times ranked	1878 citing authors

#	Article	IF	Citations
1	Mycorrhizal symbiosis changes host nitrogen source use. Plant and Soil, 2022, 471, 643-654.	3.7	6
2	Idiosyncratic responses to simulated herbivory by root fungal symbionts in a subarctic meadow. Arctic, Antarctic, and Alpine Research, 2021, 53, 80-92.	1.1	1
3	Soil legacy determines arbuscular mycorrhizal spore bank and plant performance in the low Arctic. Mycorrhiza, 2020, 30, 623-634.	2.8	3
4	Cryptogams signify key transitions of bacteria and fungi in Arctic sand dune succession. New Phytologist, 2020, 226, 1836-1849.	7.3	8
5	Experimental evidence of the longâ€term effects of reindeer on Arctic vegetation greenness and species richness at a larger landscape scale. Journal of Ecology, 2019, 107, 2724-2736.	4.0	24
6	Change in dominance determines herbivore effects on plant biodiversity. Nature Ecology and Evolution, 2018, 2, 1925-1932.	7.8	140
7	Grazing decreases N partitioning among coexisting plant species. Functional Ecology, 2017, 31, 2051-2060.	3.6	18
8	Native arbuscular mycorrhizal symbiosis alters foliar bacterial community composition. Mycorrhiza, 2017, 27, 801-810.	2.8	15
9	Microbial community composition but not diversity changes along succession in arctic sand dunes. Environmental Microbiology, 2017, 19, 698-709.	3.8	32
10	Lack of trade-offs between the male and female sexual functions in the gynodioecious herb Geranium sylvaticum. Plant Ecology, 2017, 218, 1163-1170.	1.6	1
11	Faster acquisition of symbiotic partner by common mycorrhizal networks in early plant life stage. Ecosphere, 2016, 7, e01222.	2.2	12
12	Competition for resources is ameliorated by niche differentiation between Solidago virgaurea life-history stages in the Arctic. Journal of Plant Ecology, 2016, , rtw123.	2.3	0
13	Light availability affects sex lability in a gynodioecious plant. American Journal of Botany, 2016, 103, 1928-1936.	1.7	12
14	Absence of Sex Differential Plasticity to Light Availability during Seed Maturation in Geranium sylvaticum. PLoS ONE, 2015, 10, e0118981.	2.5	9
15	Arctic arbuscular mycorrhizal spore community and viability after storage in cold conditions. Mycorrhiza, 2015, 25, 335-343.	2.8	32
16	Culturable endophytic microbial communities in the circumpolar grass, <scp><i>D</i></scp><i>eschampsia flexuosa</i> in a subâ€<scp>A</scp>rctic inland primary succession are habitat and growth stage specific. Environmental Microbiology Reports, 2015, 7, 111-122.	2.4	19
17	Host plant and arbuscular mycorrhizal fungi show contrasting responses to temperature increase: Implications for dioecious plants. Environmental and Experimental Botany, 2014, 104, 54-64.	4.2	15
18	Arbuscular mycorrhizal fungal community divergence within a common host plant in two different soils in a subarctic Aeolian sand area. Mycorrhiza, 2014, 24, 539-550.	2.8	10

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19	Plant removal disturbance and replant mitigation effects on the abundance and diversity of low-arctic soil biota. Applied Soil Ecology, 2014, 82, 82-92.	4.3	8
20	Response to reindeer grazing removal depends on soil characteristics in low Arctic meadows. Applied Soil Ecology, 2014, 76, 14-25.	4.3	21
21	Sex-specific patterns of antagonistic and mutualistic biotic interactions in dioecious and gynodioecious plants. Perspectives in Plant Ecology, Evolution and Systematics, 2013, 15, 45-55.	2.7	43
22	Transgenerational effects of plant sex and arbuscular mycorrhizal symbiosis. New Phytologist, 2013, 199, 812-821.	7.3	32
23	Dioecious species and arbuscular mycorrhizal symbioses: The case of<i>Antennaria dioica</i>. Plant Signaling and Behavior, 2013, 8, e23445.	2.4	9
24	Nectar Sugar Production across Floral Phases in the Gynodioecious Protandrous Plant Geranium sylvaticum. PLoS ONE, 2013, 8, e62575.	2.5	17
25	Differential competitive ability between sexes in the dioecious Antennaria dioica (Asteraceae). Annals of Botany, 2012, 110, 1461-1470.	2.9	20
26	Soil microbial and plant responses to the absence of plant cover and monoculturing in low arctic meadows. Applied Soil Ecology, 2011, 48, 142-151.	4.3	9
27	Sex ratio and spatial distribution of male and female Antennaria dioica (Asteraceae) plants. Acta Oecologica, 2011, 37, 433-440.	1.1	20
28	Determination of usnic and perlatolic acids and identification of olivetoric acids in Northern reindeer lichen (<i>Cladonia stellaris</i>) extracts. Lichenologist, 2010, 42, 739-749.	0.8	11
29	Gender dimorphism and mycorrhizal symbiosis affect floral visitors and reproductive output in<i>Geranium sylvaticum</i>. Functional Ecology, 2010, 24, 750-758.	3.6	52
30	Mycorrhizal benefit differs among the sexes in a gynodioecious species. Ecology, 2010, 91, 2583-2593.	3.2	28
31	Interrelationships between mycorrhizal symbiosis, soil pH and plant sex modify the performance of Antennaria dioica. Acta Oecologica, 2010, 36, 291-298.	1.1	22
32	Trampling and Spatial Heterogeneity Explain Decomposer Abundances in a Sub-Arctic Grassland Subjected to Simulated Reindeer Grazing. Ecosystems, 2009, 12, 830-842.	3.4	73
33	Sexual differences in response to simulated herbivory in the gynodioecious herb Geranium sylvaticum. Plant Ecology, 2009, 202, 325-336.	1.6	26
34	No allelopathic effect of the dominant forestâ€floor lichen <i>Cladonia stellaris</i> on pine seedlings. Functional Ecology, 2009, 23, 435-441.	3.6	25
35	Defoliation effects on plant and soil properties in an experimental low arctic grassland community â€" the role of plant community structure. Soil Biology and Biochemistry, 2008, 40, 2596-2604.	8.8	13
36	Soil feedback on plant growth in a sub-arctic grassland as a result of repeated defoliation. Soil Biology and Biochemistry, 2008, 40, 2891-2897.	8.8	28

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37	Sex-specific responses to mycorrhiza in a dioecious species. American Journal of Botany, 2008, 95, 1225-1232.	1.7	39
38	Mycorrhizal benefit in two low arctic herbs increases with increasing temperature. American Journal of Botany, 2007, 94, 1309-1315.	1.7	67
39	Diversity and persistence of arbuscular mycorrhizas in a lowâ€Arctic meadow habitat. New Phytologist, 2007, 176, 691-698.	7.3	25
40	The phenolic compounds in Cladonia lichens are not antimicrobial in soils. Oecologia, 2007, 152, 299-306.	2.0	38
41	Simulated grazer effects on microbial respiration in a subarctic meadow: Implications for nutrient competition between plants and soil microorganisms. Applied Soil Ecology, 2006, 31, 20-31.	4.3	33
42	Asymmetric symbiont adaptation to Arctic conditions could explain why high Arctic plants are non-mycorrhizal. FEMS Microbiology Ecology, 2005, 53, 27-32.	2.7	58
43	Role of nutrient level and defoliation on symbiotic function: experimental evidence by tracing 14C/15N exchange in mycorrhizal birch seedlings. Mycorrhiza, 2005, 15, 65-70.	2.8	24
44	Evidence of antagonistic interactions between rhizosphere microorganisms and mycorrhizal fungi associated with birch (Betula pubescens). Acta Oecologica, 2005, 28, 149-155.	1.1	12
45	Mycorrhizal symbiosis has contrasting effects on fitness components in Campanula rotundifolia. New Phytologist, 2004, 164, 543-553.	7.3	46
46	Mycorrhiza does not alter low temperature impact on Gnaphalium norvegicum. Oecologia, 2004, 140, 226-233.	2.0	63
47	Are resources allocated differently to symbiosis and reproduction in Geranium sylvaticum under different light conditions?. Canadian Journal of Botany, 2004, 82, 89-95.	1.1	20
48	Growth of reindeer lichens and effects of reindeer grazing on ground cover vegetation in a Scots pine forest and a subarctic heathland in Finnish Lapland. Ecography, 2003, 26, 3-12.	4.5	79
49	Defoliation and the availability of currently assimilated carbon in the Phleum pratense rhizosphere. Soil Biology and Biochemistry, 2002, 34, 1869-1874.	8.8	24
50	Elevated CO2 and ozone reduce nitrogen acquisition by Pinus halepensis from its mycorrhizal symbiont. Physiologia Plantarum, 2001, 111, 305-312.	5.2	28
51	Cost efficiency of nutrient acquisition and the advantage of mycorrhizal symbiosis for the host plant. Oikos, 2001, 92, 62-70.	2.7	55
52	Do symbiotic fungi refresh themselves by incorporating their own or closely related spores into existing mycelium?. Oikos, 2000, 90, 606-608.	2.7	7
53	Title is missing!. Plant and Soil, 2000, 219, 243-250.	3.7	2
54	Effects of defoliation and symbiosis on polyamine levels in pine and birch. Mycorrhiza, 1997, 7, 107-111.	2.8	30

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55	The effects of acidic irrigation on soil microorganisms at Kevo, Northern Finland. Environmental Pollution, 1990, 66, 21-31.	7.5	17