# 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 | Change in dominance determines herbivore effects on plant biodiversity. Nature Ecology and Evolution, 2018, 2, 1925-1932. | 7.8 | 140 |
| 2 | 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 |
| 3 | 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 |
| 4 | Mycorrhizal benefit in two low arctic herbs increases with increasing temperature. American Journal of Botany, 2007, 94, 1309-1315. | 1.7 | 67 |
| 5 | Mycorrhiza does not alter low temperature impact on Gnaphalium norvegicum. Oecologia, 2004, 140, 226-233. | 2.0 | 63 |
| 6 | 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 |
| 7 | Cost efficiency of nutrient acquisition and the advantage of mycorrhizal symbiosis for the host plant. Oikos, 2001, 92, 62-70. | 2.7 | 55 |
| 8 | 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 |
| 9 | Mycorrhizal symbiosis has contrasting effects on fitness components in Campanula rotundifolia. New Phytologist, 2004, 164, 543-553. | 7.3 | 46 |
| 10 | 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 |
| 11 | Sex-specific responses to mycorrhiza in a dioecious species. American Journal of Botany, 2008, 95, 1225-1232. | 1.7 | 39 |
| 12 | The phenolic compounds in Cladonia lichens are not antimicrobial in soils. Oecologia, 2007, 152, 299-306. | 2.0 | 38 |
| 13 | 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 |
| 14 | Transgenerational effects of plant sex and arbuscular mycorrhizal symbiosis. New Phytologist, 2013, 199, 812-821. | 7.3 | 32 |
| 15 | Arctic arbuscular mycorrhizal spore community and viability after storage in cold conditions. Mycorrhiza, 2015, 25, 335-343. | 2.8 | 32 |
| 16 | Microbial community composition but not diversity changes along succession in arctic sand dunes. Environmental Microbiology, 2017, 19, 698-709. | 3.8 | 32 |
| 17 | Effects of defoliation and symbiosis on polyamine levels in pine and birch. Mycorrhiza, 1997, 7, 107-111. | 2.8 | 30 |
| 18 | Elevated CO2 and ozone reduce nitrogen acquisition by Pinus halepensis from its mycorrhizal symbiont. Physiologia Plantarum, 2001, 111, 305-312. | 5.2 | 28 |

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|---|---|---|---|
| 19 | 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 |
| 20 | Mycorrhizal benefit differs among the sexes in a gynodioecious species. Ecology, 2010, 91, 2583-2593. | 3.2 | 28 |
| 21 | Sexual differences in response to simulated herbivory in the gynodioecious herb Geranium sylvaticum. Plant Ecology, 2009, 202, 325-336. | 1.6 | 26 |
| 22 | Diversity and persistence of arbuscular mycorrhizas in a lowâ€Arctic meadow habitat. New Phytologist, 2007, 176, 691-698. | 7.3 | 25 |
| 23 | 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 |
| 24 | Defoliation and the availability of currently assimilated carbon in the Phleum pratense rhizosphere. Soil Biology and Biochemistry, 2002, 34, 1869-1874. | 8.8 | 24 |
| 25 | 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 |
| 26 | 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 |
| 27 | Interrelationships between mycorrhizal symbiosis, soil pH and plant sex modify the performance of Antennaria dioica. Acta Oecologica, 2010, 36, 291-298. | 1.1 | 22 |
| 28 | Response to reindeer grazing removal depends on soil characteristics in low Arctic meadows. Applied Soil Ecology, 2014, 76, 14-25. | 4.3 | 21 |
| 29 | 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 |
| 30 | Sex ratio and spatial distribution of male and female Antennaria dioica (Asteraceae) plants. Acta Oecologica, 2011, 37, 433-440. | 1.1 | 20 |
| 31 | Differential competitive ability between sexes in the dioecious Antennaria dioica (Asteraceae). Annals of Botany, 2012, 110, 1461-1470. | 2.9 | 20 |
| 32 | 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 |
| 33 | Grazing decreases N partitioning among coexisting plant species. Functional Ecology, 2017, 31, 2051-2060. | 3.6 | 18 |
| 34 | The effects of acidic irrigation on soil microorganisms at Kevo, Northern Finland. Environmental Pollution, 1990, 66, 21-31. | 7.5 | 17 |
| 35 | Nectar Sugar Production across Floral Phases in the Gynodioecious Protandrous Plant Geranium sylvaticum. PLoS ONE, 2013, 8, e62575. | 2.5 | 17 |
| 36 | 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 |

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| 37 | Native arbuscular mycorrhizal symbiosis alters foliar bacterial community composition. Mycorrhiza, 2017, 27, 801-810. | 2.8 | 15 |
| 38 | 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 |
| 39 | Evidence of antagonistic interactions between rhizosphere microorganisms and mycorrhizal fungi associated with birch (Betula pubescens). Acta Oecologica, 2005, 28, 149-155. | 1.1 | 12 |
| 40 | Faster acquisition of symbiotic partner by common mycorrhizal networks in early plant life stage. Ecosphere, 2016, 7, e01222. | 2.2 | 12 |
| 41 | Light availability affects sex lability in a gynodioecious plant. American Journal of Botany, 2016, 103, 1928-1936. | 1.7 | 12 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | Dioecious species and arbuscular mycorrhizal symbioses: The case of<i>Antennaria dioica</i>. Plant Signaling and Behavior, 2013, 8, e23445. | 2.4 | 9 |
| 46 | Absence of Sex Differential Plasticity to Light Availability during Seed Maturation in Geranium sylvaticum. PLoS ONE, 2015, 10, e0118981. | 2.5 | 9 |
| 47 | 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 |
| 48 | Cryptogams signify key transitions of bacteria and fungi in Arctic sand dune succession. New Phytologist, 2020, 226, 1836-1849. | 7.3 | 8 |
| 49 | Do symbiotic fungi refresh themselves by incorporating their own or closely related spores into existing mycelium?. Oikos, 2000, 90, 606-608. | 2.7 | 7 |
| 50 | Mycorrhizal symbiosis changes host nitrogen source use. Plant and Soil, 2022, 471, 643-654. | 3.7 | 6 |
| 51 | Soil legacy determines arbuscular mycorrhizal spore bank and plant performance in the low Arctic. Mycorrhiza, 2020, 30, 623-634. | 2.8 | 3 |
| 52 | Title is missing!. Plant and Soil, 2000, 219, 243-250. | 3.7 | 2 |
| 53 | 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 |
| 54 | 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 |

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| 55 | 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 |