Maija Salemaa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4519648/publications.pdf

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34	1,150	430874	395702
papers	citations	18 h-index	33 g-index

38	38	38	1566
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Forest floor vegetation response to nitrogen deposition in Europe. Global Change Biology, 2014, 20, 429-440.	9.5	139
2	Fine root turnover and litter production of Norway spruce in a long-term temperature and nutrient manipulation experiment. Plant and Soil, 2014, 374, 73-88.	3.7	93
3	Element accumulation in boreal bryophytes, lichens and vascular plants exposed to heavy metal and sulfur deposition in Finland. Science of the Total Environment, 2004, 324, 141-160.	8.0	89
4	Fine root longevity and carbon input into soil from below- and aboveground litter in climatically contrasting forests. Forest Ecology and Management, 2014, 326, 79-90.	3.2	78
5	Nitrogen fixation and methanotrophy in forest mosses along a N deposition gradient. Environmental and Experimental Botany, 2013, 90, 62-69.	4.2	76
6	Copper in Scots pine forests around a heavy-metal smelter in south-western Finland. Water, Air, and Soil Pollution, 1995, 85, 1727-1732.	2.4	73
7	Forest management regulates temporal change in the cover of boreal plant species. Forest Ecology and Management, 2016, 381, 115-124.	3.2	58
8	Above- and below-ground N stocks in coniferous boreal forests in Finland: Implications for sustainability of more intensive biomass utilization. Forest Ecology and Management, 2014, 311, 17-28.	3.2	56
9	Differences in the growth response of three bryophyte species to nitrogen. Environmental Pollution, 2008, 152, 82-91.	7.5	51
10	Remediation of Heavy Metal-Contaminated Forest Soil Using Recycled Organic Matter and Native Woody Plants. Journal of Environmental Quality, 2007, 36, 1145-1153.	2.0	49
11	Compensatory fertilization of Scots pine stands polluted by heavy metals. Nutrient Cycling in Agroecosystems, 1999, 55, 239-268.	2.2	48
12	Climate change reshuffles northern species within their niches. Nature Climate Change, 2022, 12, 587-592.	18.8	46
13	Currently legislated decreases in nitrogen deposition will yield only limited plant species recovery in European forests. Environmental Research Letters, 2018, 13, 125010.	5.2	32
14	Global warming will affect the maximum potential abundance of boreal plant species. Ecography, 2020, 43, 801-811.	4.5	26
15	N2 fixation associated with the bryophyte layer is suppressed by low levels of nitrogen deposition in boreal forests. Science of the Total Environment, 2019, 653, 995-1004.	8.0	23
16	Seed bank composition and seedling survivalin forest soil polluted with heavy metals. Basic and Applied Ecology, 2001, 2, 251-263.	2.7	22
17	Forest soil carbon stock estimates in a nationwide inventory: evaluating performance of the ROMULv and Yasso07 models in Finland. Geoscientific Model Development, 2016, 9, 4169-4183.	3.6	20
18	Vitality rating of picea abies by defoliation class and other vigour indicators. Scandinavian Journal of Forest Research, 1990, 5, 413-426.	1.4	19

#	Article	IF	Citations
19	The effect of apical dominance on the branching architecture of Arctostaphylos uva-ursi in four contrasting environments. Flora: Morphology, Distribution, Functional Ecology of Plants, 2002, 197, 429-442.	1.2	19
20	The Vitality of Conifers in Finland, 1986â€“88. , 1990, , 523-560.		19
21	Temporal biodiversity change following disturbance varies along an environmental gradient. Global Ecology and Biogeography, 2021, 30, 476-489.	5.8	15
22	Forest condition in Finland, 1986-1990.. Silva Fennica, 1991, 25, .	1.3	14
23	Distinct patterns of below- and aboveground growth phenology and litter carbon inputs along a boreal site type gradient. Forest Ecology and Management, 2021, 489, 119081.	3.2	12
24	Copper resistance of the evergreen dwarf shrub Arctostaphylos uva-ursi: an experimental exposure. Environmental Pollution, 2003, 126, 435-443.	7.5	11
25	Incorporating a model for ground lichens into multi-functional forest planning for boreal forests in Finland. Forest Ecology and Management, 2020, 460, 117912.	3.2	10
26	Forest mosses sensitively indicate nitrogen deposition in boreal background areas. Environmental Pollution, 2020, 261, 114054.	7.5	9
27	Site types revisited: Comparison of traditional Russian and Finnish classification systems for European boreal forests. Applied Vegetation Science, 2021, 24, e12525.	1.9	7
28	Forest Condition in Relation to Environmental Factors. Forestry Sciences, 2000, , 142-155.	0.4	7
29	A comparison of different sampling methods of quantitative vegetation analysis.. Silva Fennica, 1985, 19, .	1.3	6
30	Relationships between crown condition, tree nutrition and soil properties in the coastal Picea abies forests (Western Finland). Scandinavian Journal of Forest Research, 1998, 13, 413-420.	1.4	5
31	Comparing observer performance in vegetation records by efficiency graphs derived from rarefaction curves. Ecological Indicators, 2020, 109, 105790.	6.3	5
32	CAMPUS-S â€“ The model of ground layer vegetation populations in forest ecosystems and their contribution to the dynamics of carbon and nitrogen. II. Parameterization, validation and simulation experiments. Ecological Modelling, 2020, 431, 109183.	2.5	4
33	Soil total phosphorus and nitrogen explain vegetation community composition in a northern forest ecosystem near a phosphate massif. Biogeosciences, 2020, 17, 1535-1556.	3.3	4
34	Abundance and diversity of edible wild plants in managed boreal forests. Forest Ecology and Management, 2021, 491, 119151.	3.2	4