

# Matti Rousi

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

423  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

665  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Interactive Effects of Warming and Insect Herbivory on Soil Carbon and Nitrogen Dynamics at Subarctic Tree Line. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	1
2	Using long-term data to reveal the geographical variation in timing and quantity of pollen and seed production in silver and pubescent birch in Finland: Implications for gene flow, hybridization and responses to climate warming. <i>Forest Ecology and Management</i> , 2019, 438, 25-33.	3.2	7
3	Temperature and soil fertility as regulators of tree line Scots pine growth and survival—implications for the acclimation capacity of northern populations. <i>Global Change Biology</i> , 2018, 24, e545-e559.	9.5	13
4	Mountain birch facilitates Scots pine in the northern tree line — does improved soil fertility have a role?. <i>Plant and Soil</i> , 2018, 423, 205-213.	3.7	4
5	Warming and ozone exposure effects on silver birch ( <i>Betula pendula</i> Roth) leaf litter quality, microbial growth and decomposition. <i>Plant and Soil</i> , 2017, 414, 127-142.	3.7	6
6	Root morphology, mycorrhizal roots and extramatrical mycelium growth in silver birch ( <i>Betula</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54. <i>Soil</i> , 2016, 407, 341-353.	3.7	13
7	Genotype — Herbivore Effect on Leaf Litter Decomposition in <i>Betula Pendula</i> Saplings: Ecological and Evolutionary Consequences and the Role of Secondary Metabolites. <i>PLoS ONE</i> , 2015, 10, e0116806.	2.5	21
8	Trait syndromes underlying stand-level differences in growth and acclimation in 10 silver birch ( <i>Betula pendula</i> Roth) genotypes. <i>Forest Ecology and Management</i> , 2015, 343, 123-135.	3.2	7
9	Within-stand variation in silver birch ( <i>Betula pendula</i> Roth) phenology. <i>Trees - Structure and Function</i> , 2014, 28, 1801-1812.	1.9	15
10	Interactive effects of elevated ozone and temperature on carbon allocation of silver birch ( <i>Betula</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54. <i>Soil</i> , 2016, 407, 341-353.	3.1	41
11	Adaptability of birch ( <i>Betula pendula</i> Roth) and aspen ( <i>Populus tremula</i> L.) genotypes to different soil moisture conditions. <i>Forest Ecology and Management</i> , 2011, 262, 1387-1399.	3.2	43
12	Emissions of volatile organic compounds and leaf structural characteristics of European aspen ( <i>Populus tremula</i> ) grown under elevated ozone and temperature. <i>Tree Physiology</i> , 2009, 29, 1163-1173.	3.1	77
13	Temperature sum accumulation effects on within-population variation and long-term trends in date of bud burst of European white birch ( <i>Betula pendula</i> ). <i>Tree Physiology</i> , 2007, 27, 1019-1025.	3.1	40
14	Leaf litter decomposition differs among genotypes in a local <i>Betula pendula</i> population. <i>Oecologia</i> , 2007, 152, 707-714.	2.0	43
15	Variation in Phenolic Compounds within a Birch ( <i>Betula pendula</i> ) Population. <i>Journal of Chemical Ecology</i> , 2000, 26, 1609-1622.	1.8	92