

Martin Weih

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9011705/martin-weih-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

141
papers

4,489
citations

38
h-index

62
g-index

152
ext. papers

5,229
ext. citations

4.5
avg, IF

5.74
L-index

#	Paper	IF	Citations
141	Application of Crop Growth Models to Assist Breeding for Intercropping: Opportunities and Challenges.. <i>Frontiers in Plant Science</i> , 2022 , 13, 720486	6.2	0
140	Effects of soil compaction on grain yield of wheat depend on weather conditions. <i>Science of the Total Environment</i> , 2022 , 807, 150763	10.2	4
139	Phenotypic plasticity in <i>Populus trichocarpa</i> clones across environments in the NordicBaltic region. <i>Scandinavian Journal of Forest Research</i> , 2022 , 37, 1-5	1.7	
138	Supply Chain Perspectives on Breeding for Legume-Cereal Intercrops.. <i>Frontiers in Plant Science</i> , 2022 , 13, 844635	6.2	2
137	Intercropping drives plant phenotypic plasticity and changes in functional trait space. <i>Basic and Applied Ecology</i> , 2022 , 61, 41-52	3.2	1
136	Nutrient Accumulation Pattern in Mixtures of Wheat and Faba Bean Is Strongly Influenced by Cultivar Choice and Co-Existing Weeds. <i>Biology</i> , 2022 , 11, 630	4.9	
135	Soil Carbon Modelling in <i>Salix</i> Biomass Plantations: Variety Determines Carbon Sequestration and Climate Impacts. <i>Forests</i> , 2021 , 12, 1529	2.8	0
134	Grain Yield Stability of Cereal-Legume Intercrops Is Greater Than Sole Crops in More Productive Conditions. <i>Agriculture (Switzerland)</i> , 2021 , 11, 255	3	5
133	Evidence for magnesium-phosphorus synergism and co-limitation of grain yield in wheat agriculture. <i>Scientific Reports</i> , 2021 , 11, 9012	4.9	1
132	Sustainable Biomass Value Chains Based on Poplar Plantations in European Rural Areas. <i>Bioenergy Research</i> , 2021 , 14, 355-356	3.1	0
131	Altered Nitrogen Availability in PeaBarley Sole- and Intercrops Changes Dominance of Two Nitrophilic Weed Species. <i>Agronomy</i> , 2021 , 11, 679	3.6	6
130	Calibrating and testing APSIM for wheat-faba bean pure cultures and intercrops across Europe. <i>Field Crops Research</i> , 2021 , 264, 108088	5.5	6
129	Functional trait space in cereals and legumes grown in pure and mixed cultures is influenced more by cultivar identity than crop mixing. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2021 , 50, 125612	3	3
128	The Effects of Host Plant Genotype and Environmental Conditions on Fungal Community Composition and Phosphorus Solubilization in Willow Short Rotation Coppice. <i>Frontiers in Plant Science</i> , 2021 , 12, 647709	6.2	1
127	Effects of Climate and Atmospheric Nitrogen Deposition on Early to Mid-Term Stage Litter Decomposition Across Biomes. <i>Frontiers in Forests and Global Change</i> , 2021 , 4,	3.7	4
126	An Analysis of Poplar Growth and Quality Traits to Facilitate Identification of Climate-Adapted Plant Material for Sweden. <i>Bioenergy Research</i> , 2021 , 14, 409-425	3.1	1
125	Functional traits of individual varieties as determinants of growth and nitrogen use patterns in mixed stands of willow (<i>Salix</i> spp.). <i>Forest Ecology and Management</i> , 2021 , 479, 118605	3.9	4

124	Shoot and Root Traits Underlying Genotypic Variation in Early Vigor and Nutrient Accumulation in Spring Wheat Grown in High-Latitude Light Conditions. <i>Plants</i> , 2021 , 10,	4.5	2
123	Consistent Poplar Clone Ranking Based on Leaf Phenology and Temperature Along a Latitudinal and Climatic Gradient in Northern Europe. <i>Bioenergy Research</i> , 2021 , 14, 445-459	3.1	3
122	Site-Effects Dominate the Plant Availability of Nutrients under Salix Species during the First Cutting Cycle. <i>Forests</i> , 2021 , 12, 1226	2.8	0
121	Hydro-climatic controls explain variations in catchment-scale nitrogen use efficiency. <i>Environmental Research Letters</i> , 2020 , 15, 094006	6.2	2
120	Fertilization effects on soil ecology strongly depend on the genotype in a willow (<i>Salix</i> spp.) plantation. <i>Forest Ecology and Management</i> , 2020 , 466, 118126	3.9	2
119	Mycorrhizal nitrogen uptake of wheat is increased by earthworm activity only under no-till and straw removal conditions. <i>Applied Soil Ecology</i> , 2020 , 155, 103672	5	5
118	Leaf litter quality coupled to Salix variety drives litter decomposition more than stand diversity or climate. <i>Plant and Soil</i> , 2020 , 453, 313-328	4.2	9
117	Multi-Dimensional Plant Element Stoichiometry-Looking Beyond Carbon, Nitrogen, and Phosphorus. <i>Frontiers in Plant Science</i> , 2020 , 11, 23	6.2	12
116	Sustainable production of willow for biofuel use. <i>Burleigh Dodds Series in Agricultural Science</i> , 2020 , 305-340		2
115	Yield reduction of direct-seeded rice under returned straw can be mitigated by appropriate water management improving soil phosphorus availability. <i>Crop and Pasture Science</i> , 2020 , 71, 134	2.2	4
114	Plasticity of barley in response to plant neighbors in cultivar mixtures. <i>Plant and Soil</i> , 2020 , 447, 537-551	4.2	9
113	The Transcription Factor CDF3 Is Involved in Nitrogen Responses and Improves Nitrogen Use Efficiency in Tomato. <i>Frontiers in Plant Science</i> , 2020 , 11, 601558	6.2	7
112	Quantitative genetic architecture of adaptive phenology traits in the deciduous tree, <i>Populus trichocarpa</i> (Torr. and Gray). <i>Heredity</i> , 2020 , 125, 449-458	3.6	9
111	Identification of species traits enhancing yield in wheat-faba bean intercropping: development and sensitivity analysis of a minimalist mixture model. <i>Plant and Soil</i> , 2020 , 455, 203-226	4.2	10
110	Willow Short-Rotation Coppice as Model System for Exploring Ecological Theory on Biodiversity-Ecosystem Function. <i>Diversity</i> , 2019 , 11, 125	2.5	6
109	Genome Wide Associations of Growth, Phenology, and Plasticity Traits in Willow [<i>L.</i>]. <i>Frontiers in Plant Science</i> , 2019 , 10, 753	6.2	10
108	Early stage litter decomposition across biomes. <i>Science of the Total Environment</i> , 2018 , 628-629, 1369-1394	4.2	117
107	Rice-duck co-culture for reducing negative impacts of biogas slurry application in rice production systems. <i>Journal of Environmental Management</i> , 2018 , 213, 142-150	7.9	19

106	Genotype identity has a more important influence than genotype diversity on shoot biomass productivity in willow short-rotation coppices. <i>GCB Bioenergy</i> , 2018 , 10, 534-547	5.6	12
105	A million and more trees for science. <i>Nature Ecology and Evolution</i> , 2018 , 2, 763-766	12.3	49
104	Synthesis and future research directions linking tree diversity to growth, survival, and damage in a global network of tree diversity experiments. <i>Environmental and Experimental Botany</i> , 2018 , 152, 68-89	5.9	65
103	A transnational and holistic breeding approach is needed for sustainable wheat production in the Baltic Sea region. <i>Physiologia Plantarum</i> , 2018 , 164, 442-451	4.6	18
102	Altered Tuber Yield in Genetically Modified High-Amylose and Oil Potato Lines Is Associated With Changed Whole-Plant Nitrogen Economy. <i>Frontiers in Plant Science</i> , 2018 , 9, 342	6.2	5
101	Mixture of Genotypes Promotes Root Colonization With Dark Septate Endophytes and Changes P Cycling in the Mycorrhizosphere. <i>Frontiers in Microbiology</i> , 2018 , 9, 1012	5.7	11
100	Analyzing plant nutrient uptake and utilization efficiencies: comparison between crops and approaches. <i>Plant and Soil</i> , 2018 , 430, 7-21	4.2	32
99	Relationship between foliar $\delta^{13}C$ and sapwood area indicates different water use patterns across 236 Salix genotypes. <i>Trees - Structure and Function</i> , 2018 , 32, 1737-1750	2.6	2
98	Genetics of phenotypic plasticity and biomass traits in hybrid willows across contrasting environments and years. <i>Annals of Botany</i> , 2017 , 120, 87-100	4.1	11
97	Influence of nitrogen supply on macro- and micronutrient accumulation during growth of winter wheat. <i>Field Crops Research</i> , 2017 , 213, 118-129	5.5	38
96	Two Genotypes Differ in Productivity and Nitrogen Economy When Grown in Monoculture and Mixture. <i>Frontiers in Plant Science</i> , 2017 , 8, 231	6.2	13
95	Role of nutrient-efficient plants for improving crop yields: bridging plant ecology, physiology, and molecular biology 2017 , 31-44		5
94	Functional traits associated with nitrogen use efficiency in wheat. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016 , 66, 153-169	1.1	3
93	Contributions of a global network of tree diversity experiments to sustainable forest plantations. <i>Ambio</i> , 2016 , 45, 29-41	6.5	151
92	Estimating the environmental footprint of barley with improved nitrogen uptake efficiency in Swedish scenario study. <i>European Journal of Agronomy</i> , 2016 , 80, 45-54	5	15
91	Trade-offs between seed output and life span - a quantitative comparison of traits between annual and perennial congeneric species. <i>New Phytologist</i> , 2016 , 209, 104-14	9.8	52
90	Nutrient stoichiometry in winter wheat: Element concentration pattern reflects developmental stage and weather. <i>Scientific Reports</i> , 2016 , 6, 35958	4.9	16
89	Farmer perspectives on introducing perennial cereal in Swedish farming systems: a sustainability analysis of plant traits, farm management, and ecological implications. <i>Agroecology and Sustainable Food Systems</i> , 2016 , 40, 432-450	2	11

88	Association mapping in L. (Salicaceae) - identification of candidate genes associated with growth and phenology. <i>GCB Bioenergy</i> , 2016 , 8, 670-685	5.6	24
87	Contrasting leaf phenological strategies optimize carbon gain under droughts of different duration. <i>Advances in Water Resources</i> , 2015 , 84, 37-51	4.7	20
86	Influence of genetically modified organisms on agro-ecosystem processes. <i>Agriculture, Ecosystems and Environment</i> , 2015 , 214, 96-106	5.7	16
85	Contrasting growth pattern and nitrogen economy in ancient and modern wheat varieties. <i>Canadian Journal of Plant Science</i> , 2015 , 95, 851-860	1	5
84	Genome-wide transcriptional and physiological responses to drought stress in leaves and roots of two willow genotypes. <i>BMC Plant Biology</i> , 2015 , 15, 244	5.3	20
83	Nitrogen use Efficiency and Energy Harvest in Wheat, Maize and Grassland ley used for Biofuel □ Implications for Sustainability. <i>Procedia Environmental Sciences</i> , 2015 , 29, 22-23		2
82	Direct effects of elevated temperature on a tri-trophic system: Salix, leaf beetles and predatory bugs. <i>Arthropod-Plant Interactions</i> , 2015 , 9, 567-575	2.2	7
81	Genetic diversity, population structure and phenotypic variation in European Salix viminalis L. (Salicaceae). <i>Tree Genetics and Genomes</i> , 2014 , 10, 1595-1610	2.1	36
80	Crop genotype-environment modelling to evaluate forage maize cultivars under climate variability. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2014 , 64, 56-70	1.1	2
79	A Calculation Tool for Analyzing Nitrogen Use Efficiency in Annual and Perennial Crops. <i>Agronomy</i> , 2014 , 4, 470-477	3.6	15
78	Traits to Ecosystems: The Ecological Sustainability Challenge When Developing Future Energy Crops. <i>Frontiers in Energy Research</i> , 2014 , 2,	3.8	15
77	QTL mapping of biomass and nitrogen economy traits in willows (Salix spp.) grown under contrasting water and nutrient conditions. <i>Molecular Breeding</i> , 2014 , 34, 1987-2003	3.4	16
76	Snowed in for survival: Quantifying the risk of winter damage to overwintering field crops in northern temperate latitudes. <i>Agricultural and Forest Meteorology</i> , 2014 , 197, 65-75	5.8	21
75	Genetic architecture of spring and autumn phenology in Salix. <i>BMC Plant Biology</i> , 2014 , 14, 31	5.3	26
74	Proof of concept: nitrogen use efficiency of contrasting spring wheat varieties grown in greenhouse and field. <i>Plant and Soil</i> , 2014 , 374, 829-842	4.2	22
73	A perspective on optimal leaf stomatal conductance under CO2 and light co-limitations. <i>Agricultural and Forest Meteorology</i> , 2013 , 182-183, 191-199	5.8	58
72	Host plant-ectomycorrhizal fungus combination drives resource allocation in willow: Evidence for complex species interaction from a simple experiment. <i>Ecoscience</i> , 2013 , 20, 112-121	1.1	11
71	Towards making willows potential bio-resources in the South: Northern Salix hybrids can cope with warm and dry climate when irrigated. <i>Biomass and Bioenergy</i> , 2013 , 51, 136-144	5.3	9

70	Impact of poplar on soil organic matter quality and microbial communities in arable soils . <i>Plant, Soil and Environment</i> , 2013 , 59, 95-100	2.2	13
69	Autophagy mediates caloric restriction-induced lifespan extension in Arabidopsis. <i>Aging Cell</i> , 2013 , 12, 327-9	9.9	43
68	Swedish spring wheat varieties with the rare high grain protein allele of NAM-B1 differ in leaf senescence and grain mineral content. <i>PLoS ONE</i> , 2013 , 8, e59704	3.7	25
67	High value of short rotation coppice plantations for phytodiversity in rural landscapes. <i>GCB Bioenergy</i> , 2012 , 4, 728-738	5.6	37
66	Correspondence of ectomycorrhizal diversity and colonisation of willows (<i>Salix</i> spp.) grown in short rotation coppice on arable sites and adjacent natural stands. <i>Mycorrhiza</i> , 2012 , 22, 603-13	3.9	19
65	Plant stoichiometry at different scales: element concentration patterns reflect environment more than genotype. <i>New Phytologist</i> , 2012 , 194, 944-952	9.8	108
64	Short Rotation Coppice (SRC) Plantations Provide Additional Habitats for Vascular Plant Species in Agricultural Mosaic Landscapes. <i>Bioenergy Research</i> , 2012 , 5, 573-583	3.1	25
63	Environmental Impacts of Short Rotation Coppice (SRC) Grown for Biomass on Agricultural Land. <i>Bioenergy Research</i> , 2012 , 5, 535-536	3.1	7
62	Assessing Environmental Impacts of Short Rotation Coppice (SRC) Expansion: Model Definition and Preliminary Results. <i>Bioenergy Research</i> , 2012 , 5, 621-635	3.1	52
61	Impact of ectomycorrhizal colonization and rust infection on the secondary metabolism of poplar (<i>Populus trichocarpa</i> x <i>deltoides</i>). <i>Tree Physiology</i> , 2012 , 32, 1357-64	4.2	23
60	Short-rotation forestry with hybrid aspen (<i>Populus tremula</i> L. x <i>tremuloides</i> Michx.) in Northern Europe. <i>Scandinavian Journal of Forest Research</i> , 2012 , 27, 10-29	1.7	110
59	Stand age characteristics and soil properties affect species composition of vascular plants in short rotation coppice plantations. <i>BioRisk</i> , 2012 , 7, 51-71		12
58	Bioenergy from Surplus Land: environmental and socio-economic implications. <i>BioRisk</i> , 2012 , 7, 5-50		142
57	Assessment of nutrient use in annual and perennial crops: A functional concept for analyzing nitrogen use efficiency. <i>Plant and Soil</i> , 2011 , 339, 513-520	4.2	62
56	Optimizing nitrogen economy under drought: increased leaf nitrogen is an acclimation to water stress in willow (<i>Salix</i> spp.). <i>Annals of Botany</i> , 2011 , 108, 1347-53	4.1	47
55	Red fescue undersown in winter wheat suppresses <i>Elytrigia repens</i> . <i>Weed Research</i> , 2010 , 50, 447-455	1.9	20
54	The significance of rotation periods for mycorrhiza formation in Short Rotation Coppice. <i>Forest Ecology and Management</i> , 2010 , 260, 1943-1949	3.9	23
53	Growth responses of 15 <i>Salix</i> genotypes to temporary water stress are different from the responses to permanent water shortage. <i>Trees - Structure and Function</i> , 2010 , 24, 843-854	2.6	23

52	Genetic and environmental variation in spring and autumn phenology of biomass willows (<i>Salix</i> spp.): effects on shoot growth and nitrogen economy. <i>Tree Physiology</i> , 2009 , 29, 1479-90	4.2	56
51	The significance of host-fungus combinations in ectomycorrhizal symbioses for the chemical quality of willow foliage. <i>Plant and Soil</i> , 2009 , 323, 213-224	4.2	29
50	Assessment of Genotype Ranking in Long-term Biomass Production of <i>Salix</i> Based on Juvenile Plant Traits: Breeding Implications. <i>Bioenergy Research</i> , 2009 , 2, 29-36	3.1	7
49	Mycorrhizas and biomass crops: opportunities for future sustainable development. <i>Trends in Plant Science</i> , 2009 , 14, 542-9	13.1	55
48	Land availability analysis and social attitude aspects in relation to implementation and development of short' rotation forestry systems in Poland. <i>Annals of Warsaw University of Life Sciences, Land Reclamation</i> , 2009 , 41, 153-166		3
47	Integrated agricultural research and crop breeding: Allelopathic weed control in cereals and long-term productivity in perennial biomass crops. <i>Agricultural Systems</i> , 2008 , 97, 99-107	6.1	31
46	<i>Salix</i> : Botany and Global Horticulture 2008 , 447-489		58
45	Biomass allocation and nutrient use in fast-growing woody and herbaceous perennials used for phytoremediation. <i>Plant and Soil</i> , 2008 , 305, 189-206	4.2	22
44	Wood fuel quality of two <i>Salix viminalis</i> stands fertilised with sludge, ash and sludge+ash mixtures. <i>Biomass and Bioenergy</i> , 2008 , 32, 914-925	5.3	35
43	Shoot biomass growth is related to the vertical leaf nitrogen gradient in <i>Salix</i> canopies. <i>Tree Physiology</i> , 2007 , 27, 1551-9	4.2	38
42	Specific root length as an indicator of environmental change. <i>Plant Biosystems</i> , 2007 , 141, 426-442	1.6	368
41	Genetic basis of phenotypic correlations among growth traits in hybrid willow (<i>Salix dasyclados</i> x <i>S. viminalis</i>) grown under two water regimes. <i>New Phytologist</i> , 2006 , 170, 467-77	9.8	42
40	Variation in growth and resource utilisation among eight poplar clones grown under different irrigation and fertilisation regimes in Sweden. <i>Biomass and Bioenergy</i> , 2006 , 30, 115-124	5.3	30
39	Stress tolerance of five willow clones after irrigation with different amounts of landfill leachate. <i>Bioresource Technology</i> , 2006 , 97, 150-7	11	63
38	Effects of NaCl on seedling growth, biomass production and water status of <i>Acacia nilotica</i> and <i>A. tortilis</i> . <i>Journal of Arid Environments</i> , 2005 , 62, 343-349	2.5	10
37	Biomass and nutrient distribution in a highland bamboo forest in southwest Ethiopia: implications for management. <i>Forest Ecology and Management</i> , 2005 , 204, 159-169	3.9	57
36	Limitations and improvement of the potential utilisation of woody biomass for energy derived from short rotation woody crops in Sweden and Germany. <i>Biomass and Bioenergy</i> , 2005 , 28, 267-279	5.3	45
35	Nitrogen storage and seasonal nitrogen cycling in <i>Populus</i> : bridging molecular physiology and ecophysiology. <i>New Phytologist</i> , 2005 , 167, 19-30	9.8	138

34	The suitability of <i>Acacia tortilis</i> as an alternative tree manure crop to <i>Leucaena leucocephala</i> in sub-Saharan Africa. <i>African Journal of Ecology</i> , 2005 , 43, 162-165	0.8	2
33	QTL analyses of drought tolerance and growth for a <i>Salix dasyclados</i> x <i>Salix viminalis</i> hybrid in contrasting water regimes. <i>Theoretical and Applied Genetics</i> , 2005 , 110, 537-49	6	73
32	Mountain Birch Growth in Relation to Climate and Herbivores 2005 , 71-86		8
31	Determinants of biomass production in hybrid willows and prediction of field performance from pot studies. <i>Tree Physiology</i> , 2005 , 25, 1197-206	4.2	59
30	Determinants of mountain birch growth in situ: effects of temperature and herbivory. <i>Ecography</i> , 2004 , 27, 659-667	6.5	30
29	Willow genotype, but not drought treatment, affects foliar phenolic concentrations and leaf-beetle resistance. <i>Entomologia Experimentalis Et Applicata</i> , 2004 , 113, 1-14	2.1	59
28	Intensive short rotation forestry in boreal climates: present and future perspectives. <i>Canadian Journal of Forest Research</i> , 2004 , 34, 1369-1378	1.9	129
27	Above-ground Woody Biomass Production of Short-rotation <i>Populus</i> Plantations on Agricultural Land in Sweden. <i>Scandinavian Journal of Forest Research</i> , 2003 , 18, 427-437	1.7	56
26	Influence of young poplar stands on floristic diversity in agricultural landscapes (Sweden). <i>Basic and Applied Ecology</i> , 2003 , 4, 149-156	3.2	49
25	Bamboo as bioresource in Ethiopia: management strategy to improve seedling performance (<i>Oxytenanthera abyssinica</i>). <i>Bioresource Technology</i> , 2003 , 88, 33-9	11	13
24	Trade-offs in plants and the prospects for breeding using modern biotechnology. <i>New Phytologist</i> , 2003 , 158, 7-9	9.8	28
23	Long-term patterns of leaf, shoot and wood production after insect herbivory in the Mountain Birch. <i>Functional Ecology</i> , 2003 , 17, 841-850	5.6	20
22	Low Winter Soil Temperature Affects Summertime Nutrient Uptake Capacity and Growth Rate of Mountain Birch Seedlings in the Subarctic, Swedish Lapland. <i>Arctic, Antarctic, and Alpine Research</i> , 2002 , 34, 434-439	1.8	41
21	Characterising willows for biomass and phytoremediation: growth, nitrogen and water use of 14 willow clones under different irrigation and fertilisation regimes. <i>Biomass and Bioenergy</i> , 2002 , 23, 397-413	5.3	99
20	The effects of nitrogen fertilization and soil properties on mycorrhizal formation of <i>Salix viminalis</i> . <i>Forest Ecology and Management</i> , 2002 , 160, 35-43	3.9	35
19	Growth response of Mountain birch to air and soil temperature: is increasing leaf-nitrogen content an acclimation to lower air temperature?. <i>New Phytologist</i> , 2001 , 150, 147-155	9.8	126
18	Evidence for increased sensitivity to nutrient and water stress in a fast-growing hybrid willow compared with a natural willow clone. <i>Tree Physiology</i> , 2001 , 21, 1141-8	4.2	76
17	Soil Temperatures near the Distribution Limit of the Mountain Birch (<i>Betula pubescens</i> ssp. <i>czerepanovii</i>): Implications for Seedling Nitrogen Economy and Survival. <i>Arctic, Antarctic, and Alpine Research</i> , 2001 , 33, 88-92	1.8	23

16	Seedling growth characteristics in three birches originating from different environments. <i>Ecoscience</i> , 2000 , 7, 80-85	1.1	5
15	Seasonal variation in 15N natural abundance in subarctic plants of different life-forms. <i>Ecoscience</i> , 2000 , 7, 365-369	1.1	4
14	Delayed growth response of Mountain Birch seedlings to a decrease in fertilization and temperature. <i>Functional Ecology</i> , 2000 , 14, 566-572	5.6	14
13	Growth of Mountain Birch Seedlings in Early-Successional Patches: A Year-Round Perspective. <i>Plant Biology</i> , 2000 , 2, 428-436	3.7	13
12	Leaf life span and nutrient resorption as determinants of plant nutrient conservation in temperate-arctic regions. <i>New Phytologist</i> , 1999 , 143, 177-189	9.8	241
11	The nitrogen economy of mountain birch seedlings: implications for winter survival. <i>Journal of Ecology</i> , 1999 , 87, 211-219	6	60
10	Growth response of altitudinal ecotypes of mountain birch to temperature and fertilisation. <i>Oecologia</i> , 1999 , 119, 16-23	2.9	55
9	Growth and nitrogen utilization in seedlings of mountain birch (<i>Betula pubescens</i> ssp. <i>tortuosa</i>) as affected by ultraviolet radiation (UV-A and UV-B) under laboratory and outdoor conditions. <i>Trees - Structure and Function</i> , 1998 , 12, 201-207	2.6	7
8	Seasonality of Nutrient Availability in Soils of Subarctic Mountain Birch Woodlands, Swedish Lapland. <i>Arctic and Alpine Research</i> , 1998 , 30, 19		38
7	The Significance of Resorption of Leaf Resources for Shoot Growth in Evergreen and Deciduous Woody Plants from a Subarctic Environment. <i>Oikos</i> , 1998 , 81, 567	4	35
6	Growth and nitrogen utilization in seedlings of mountain birch (. <i>Trees - Structure and Function</i> , 1998 , 12, 201	2.6	15
5	Growth and nitrogen utilization in seedlings of mountain birch (<i>Betula pubescens</i> ssp. <i>tortuosa</i>) as related to plant nitrogen status and temperature: A two-year study. <i>Ecoscience</i> , 1997 , 4, 365-373	1.1	23
4	Low Winter Soil Temperature Affects Summertime Nutrient Uptake Capacity and Growth Rate of Mountain Birch Seedlings in the Subarctic, Swedish Lapland		43
3	Soil Temperatures near the Distribution Limit of the Mountain Birch (<i>Betula pubescens</i> ssp. <i>czerepanovii</i>): Implications for Seedling Nitrogen Economy and Survival		6
2	Quantitative genetic architecture of adaptive phenology traits in the deciduous tree, <i>Populus trichocarpa</i> (Torr. & Gray)		2
1	For the sake of resilience and multifunctionality, let's diversify planted forests!. <i>Conservation Letters</i> , e12829	6.9	17