

Martin Weih

List of Publications by Year in descending order

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Version: 2024-02-01

146
papers

6,084
citations

76196

40
h-index

95083

68
g-index

153
all docs

153
docs citations

153
times ranked

8936
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific root length as an indicator of environmental change. <i>Plant Biosystems</i> , 2007, 141, 426-442.	0.8	476
2	Leaf life span and nutrient resorption as determinants of plant nutrient conservation in temperate-arctic regions. <i>New Phytologist</i> , 1999, 143, 177-189.	3.5	273
3	Contributions of a global network of tree diversity experiments to sustainable forest plantations. <i>Ambio</i> , 2016, 45, 29-41.	2.8	203
4	Early stage litter decomposition across biomes. <i>Science of the Total Environment</i> , 2018, 628-629, 1369-1394.	3.9	177
5	Nitrogen storage and seasonal nitrogen cycling in <i>Populus</i> : bridging molecular physiology and ecophysiology. <i>New Phytologist</i> , 2005, 167, 19-30.	3.5	169
6	Bioenergy from "surplus" land: environmental and socio-economic implications. <i>BioRisk</i> , 0, 7, 5-50.	0.2	165
7	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.	3.5	164
8	Plant stoichiometry at different scales: element concentration patterns reflect environment more than genotype. <i>New Phytologist</i> , 2012, 194, 944-952.	3.5	159
9	Intensive short rotation forestry in boreal climates: present and future perspectives. <i>Canadian Journal of Forest Research</i> , 2004, 34, 1369-1378.	0.8	146
10	Short-rotation forestry with hybrid aspen (<i>Populus tremula</i> L. × <i>P. tremuloides</i> Michx.) in Northern Europe. <i>Scandinavian Journal of Forest Research</i> , 2012, 27, 10-29.	0.5	132
11	For the sake of resilience and multifunctionality, let's diversify planted forests!. <i>Conservation Letters</i> , 2022, 15, e12829.	2.8	124
12	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.	2.0	113
13	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.	2.9	108
14	A million and more trees for science. <i>Nature Ecology and Evolution</i> , 2018, 2, 763-766.	3.4	90
15	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, 104-114.	3.5	87
16	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, 1141-1148.	1.4	85
17	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.	1.4	82
18	QTL analyses of drought tolerance and growth for a <i>Salix dasyclados</i> – <i>Salix viminalis</i> hybrid in contrasting water regimes. <i>Theoretical and Applied Genetics</i> , 2005, 110, 537-549.	1.8	77

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19	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.	1.8	75
20	A perspective on optimal leaf stomatal conductance under CO ₂ and light co-limitations. <i>Agricultural and Forest Meteorology</i> , 2013, 182-183, 191-199.	1.9	74
21	Stress tolerance of five willow clones after irrigation with different amounts of landfill leachate. <i>Bioresource Technology</i> , 2006, 97, 150-157.	4.8	72
22	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, 1479-1490.	1.4	72
23	The nitrogen economy of mountain birch seedlings: implications for winter survival. <i>Journal of Ecology</i> , 1999, 87, 211-219.	1.9	66
24	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.	0.5	65
25	Mycorrhizas and biomass crops: opportunities for future sustainable development. <i>Trends in Plant Science</i> , 2009, 14, 542-549.	4.3	65
26	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, 1347-1353.	1.4	65
27	Willow genotype, but not drought treatment, affects foliar phenolic concentrations and leaf-beetle resistance. <i>Entomologia Experimentalis Et Applicata</i> , 2004, 113, 1-14.	0.7	64
28	Analyzing plant nutrient uptake and utilization efficiencies: comparison between crops and approaches. <i>Plant and Soil</i> , 2018, 430, 7-21.	1.8	64
29	Influence of young poplar stands on floristic diversity in agricultural landscapes (Sweden). <i>Basic and Applied Ecology</i> , 2003, 4, 149-156.	1.2	63
30	Determinants of biomass production in hybrid willows and prediction of field performance from pot studies. <i>Tree Physiology</i> , 2005, 25, 1197-1206.	1.4	63
31	Assessing Environmental Impacts of Short Rotation Coppice (SRC) Expansion: Model Definition and Preliminary Results. <i>Bioenergy Research</i> , 2012, 5, 621-635.	2.2	62
32	Growth response of altitudinal ecotypes of mountain birch to temperature and fertilisation. <i>Oecologia</i> , 1999, 119, 16-23.	0.9	58
33	Influence of nitrogen supply on macro- and micronutrient accumulation during growth of winter wheat. <i>Field Crops Research</i> , 2017, 213, 118-129.	2.3	55
34	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.	0.4	54
35	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.	2.9	50
36	Autophagy mediates caloric restriction-induced lifespan extension in <i>Arabidopsis</i> . <i>Aging Cell</i> , 2013, 12, 327-329.	3.0	49

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37	Genetic basis of phenotypic correlations among growth traits in hybrid willow (<i>Salix dasyclados</i> Å— S.) Tj ETQq1 1 0.784314 rgBT /Over	3.5	46
38	High value of short rotation coppice plantations for phytodiversity in rural landscapes. <i>GCB Bioenergy</i> , 2012, 4, 728-738.	2.5	46
39	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.	0.4	45
40	Genetic diversity, population structure and phenotypic variation in European <i>Salix viminalis</i> L. (<i>Salicaceae</i>). <i>Tree Genetics and Genomes</i> , 2014, 10, 1595-1610.	0.6	44
41	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.	1.2	43
42	Seasonality of Nutrient Availability in Soils of Subarctic Mountain Birch Woodlands, Swedish Lapland. <i>Arctic and Alpine Research</i> , 1998, 30, 19.	1.3	42
43	Shoot biomass growth is related to the vertical leaf nitrogen gradient in <i>Salix</i> canopies. <i>Tree Physiology</i> , 2007, 27, 1551-1559.	1.4	42
44	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.	1.4	41
45	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.	2.9	40
46	Trade-offs in plants and the prospects for breeding using modern biotechnology. <i>New Phytologist</i> , 2003, 158, 7-9.	3.5	39
47	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.	2.9	37
48	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.	3.2	37
49	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.	1.6	37
50	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.	2.6	36
51	Determinants of mountain birch growth in situ: effects of temperature and herbivory. <i>Ecography</i> , 2004, 27, 659-667.	2.1	34
52	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.	1.8	34
53	Contrasting leaf phenological strategies optimize carbon gain under droughts of different duration. <i>Advances in Water Resources</i> , 2015, 84, 37-51.	1.7	34
54	Short Rotation Coppice (SRC) Plantations Provide Additional Habitats for Vascular Plant Species in Agricultural Mosaic Landscapes. <i>Bioenergy Research</i> , 2012, 5, 573-583.	2.2	32

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55	Association mapping in <i>Salix viminalis</i> L. (Salicaceae) – identification of candidate genes associated with growth and phenology. <i>GCB Bioenergy</i> , 2016, 8, 670-685.	2.5	32
56	Genetic architecture of spring and autumn phenology in <i>Salix</i> . <i>BMC Plant Biology</i> , 2014, 14, 31.	1.6	31
57	Grain Yield Stability of Cereal-Legume Intercrops Is Greater Than Sole Crops in More Productive Conditions. <i>Agriculture (Switzerland)</i> , 2021, 11, 255.	1.4	31
58	Red fescue undersown in winter wheat suppresses <i>Elytrigia repens</i> . <i>Weed Research</i> , 2010, 50, 447-455.	0.8	30
59	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, 1357-1364.	1.4	30
60	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.	1.1	30
61	The significance of rotation periods for mycorrhiza formation in Short Rotation Coppice. <i>Forest Ecology and Management</i> , 2010, 260, 1943-1949.	1.4	29
62	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.	1.9	28
63	Soil Temperatures near the Distribution Limit of the Mountain Birch (<i>Betula pubescens</i> ssp.) Tj ETQq1 1 0.784314 rgBT /Overlock Alpine Research, 2001, 33, 88-92.	0.4	27
64	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, 603-613.	1.3	27
65	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.	1.8	27
66	Growth and nitrogen utilization in seedlings of mountain birch (<i>Betula pubescens</i> ssp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td 4, 365-373.	0.6	26
67	Biomass allocation and nutrient use in fast-growing woody and herbaceous perennials used for phytoremediation. <i>Plant and Soil</i> , 2008, 305, 189-206.	1.8	25
68	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.	0.9	25
69	Influence of genetically modified organisms on agro-ecosystem processes. <i>Agriculture, Ecosystems and Environment</i> , 2015, 214, 96-106.	2.5	25
70	Multi-Dimensional Plant Element Stoichiometry – Looking Beyond Carbon, Nitrogen, and Phosphorus. <i>Frontiers in Plant Science</i> , 2020, 11, 23.	1.7	25
71	Nutrient stoichiometry in winter wheat: Element concentration pattern reflects developmental stage and weather. <i>Scientific Reports</i> , 2016, 6, 35958.	1.6	24
72	Effects of soil compaction on grain yield of wheat depend on weather conditions. <i>Science of the Total Environment</i> , 2022, 807, 150763.	3.9	24

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73	Long-term patterns of leaf, shoot and wood production after insect herbivory in the Mountain Birch. <i>Functional Ecology</i> , 2003, 17, 841-850.	1.7	23
74	A Calculation Tool for Analyzing Nitrogen Use Efficiency in Annual and Perennial Crops. <i>Agronomy</i> , 2014, 4, 470-477.	1.3	23
75	Leaf litter quality coupled to <i>Salix</i> variety drives litter decomposition more than stand diversity or climate. <i>Plant and Soil</i> , 2020, 453, 313-328.	1.8	23
76	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.	3.8	22
77	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.	1.8	22
78	Bamboo as bioresource in Ethiopia: management strategy to improve seedling performance (<i>Oxytenanthera abyssinica</i>). <i>Bioresource Technology</i> , 2003, 88, 33-39.	4.8	21
79	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.	2.5	21
80	Calibrating and testing APSIM for wheat-faba bean pure cultures and intercrops across Europe. <i>Field Crops Research</i> , 2021, 264, 108088.	2.3	21
81	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, .	1.0	20
82	Two <i>Salix</i> Genotypes Differ in Productivity and Nitrogen Economy When Grown in Monoculture and Mixture. <i>Frontiers in Plant Science</i> , 2017, 8, 231.	1.7	19
83	Mixture of <i>Salix</i> Genotypes Promotes Root Colonization With Dark Septate Endophytes and Changes P Cycling in the Mycorrhizosphere. <i>Frontiers in Microbiology</i> , 2018, 9, 1012.	1.5	19
84	Evidence for magnesium-phosphorus synergism and co-limitation of grain yield in wheat agriculture. <i>Scientific Reports</i> , 2021, 11, 9012.	1.6	19
85	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.	0.9	18
86	Impact of poplar on soil organic matter quality and microbial communities in arable soils. <i>Plant, Soil and Environment</i> , 2013, 59, 95-100.	1.0	18
87	Traits to Ecosystems: The Ecological Sustainability Challenge When Developing Future Energy Crops. <i>Frontiers in Energy Research</i> , 2014, 2, .	1.2	18
88	Genetics of phenotypic plasticity and biomass traits in hybrid willows across contrasting environments and years. <i>Annals of Botany</i> , 2017, 120, 87-100.	1.4	18
89	The Arabidopsis Transcription Factor CDF3 Is Involved in Nitrogen Responses and Improves Nitrogen Use Efficiency in Tomato. <i>Frontiers in Plant Science</i> , 2020, 11, 601558.	1.7	18
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91	Estimating the environmental footprint of barley with improved nitrogen uptake efficiency—a Swedish scenario study. <i>European Journal of Agronomy</i> , 2016, 80, 45-54.	1.9	17
92	Growth of Mountain Birch Seedlings in Early-Successional Patches: A Year-Round Perspective. <i>Plant Biology</i> , 2000, 2, 428-436.	1.8	16
93	QTL mapping of biomass and nitrogen economy traits in willows (<i>Salix</i> spp.) grown under contrasting water and nutrient conditions. <i>Molecular Breeding</i> , 2014, 34, 1987-2003.	1.0	16
94	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.	1.0	16
95	Willow Short-Rotation Coppice as Model System for Exploring Ecological Theory on Biodiversity—Ecosystem Function. <i>Diversity</i> , 2019, 11, 125.	0.7	16
96	Genome Wide Associations of Growth, Phenology, and Plasticity Traits in Willow [<i>Salix viminalis</i> (L.)]. <i>Frontiers in Plant Science</i> , 2019, 10, 753.	1.7	16
97	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.	2.1	16
98	Stand age characteristics and soil properties affect species composition of vascular plants in short rotation coppice plantations. <i>BioRisk</i> , 0, 7, 51-71.	0.2	15
99	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.	1.2	15
100	Delayed growth response of Mountain Birch seedlings to a decrease in fertilization and temperature. <i>Functional Ecology</i> , 2000, 14, 566-572.	1.7	14
101	Plasticity of barley in response to plant neighbors in cultivar mixtures. <i>Plant and Soil</i> , 2020, 447, 537-551.	1.8	14
102	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.	1.4	14
103	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.	0.6	13
104	Towards making willows potential bio-resources in the South: Northern <i>Salix</i> hybrids can cope with warm and dry climate when irrigated. <i>Biomass and Bioenergy</i> , 2013, 51, 136-144.	2.9	13
105	Supply Chain Perspectives on Breeding for Legume—Cereal Intercrops. <i>Frontiers in Plant Science</i> , 2022, 13, 844635.	1.7	12
106	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.	1.2	11
107	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.	1.1	11
108	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.	0.7	11

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109	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, 174.	1.6	10
110	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.	1.7	10
111	Intercropping drives plant phenotypic plasticity and changes in functional trait space. <i>Basic and Applied Ecology</i> , 2022, 61, 41-52.	1.2	10
112	Linking wheat nitrogen use to root traits: Shallow and thin embryonic roots enhance uptake but reduce conversion efficiency of nitrogen. <i>Field Crops Research</i> , 2022, 285, 108603.	2.3	10
113	Mountain Birch Growth in Relation to Climate and Herbivores. , 2005, , 71-86.		9
114	Environmental Impacts of Short Rotation Coppice (SRC) Grown for Biomass on Agricultural Land. <i>Bioenergy Research</i> , 2012, 5, 535-536.	2.2	9
115	Direct effects of elevated temperature on a tri-trophic system: <i>Salix</i> , leaf beetles and predatory bugs. <i>Arthropod-Plant Interactions</i> , 2015, 9, 567-575.	0.5	9
116	Role of nutrient-efficient plants for improving crop yields: bridging plant ecology, physiology, and molecular biology. , 2017, , 31-44.		9
117	Altered Nitrogen Availability in Peaâ€“Barley Sole- and Intercrops Changes Dominance of Two Nitrophilic Weed Species. <i>Agronomy</i> , 2021, 11, 679.	1.3	9
118	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.	2.2	8
119	Soil Carbon Modelling in <i>Salix</i> Biomass Plantations: Variety Determines Carbon Sequestration and Climate Impacts. <i>Forests</i> , 2021, 12, 1529.	0.9	8
120	Contrasting growth pattern and nitrogen economy in ancient and modern wheat varieties. <i>Canadian Journal of Plant Science</i> , 2015, 95, 851-860.	0.3	7
121	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.	1.7	7
122	Soil Temperatures near the Distribution Limit of the Mountain Birch (<i>Betula pubescens</i> ssp.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 T</i> <i>Research</i> , 2001, 33, 88.	0.4	7
123	Application of Crop Growth Models to Assist Breeding for Intercropping: Opportunities and Challenges. <i>Frontiers in Plant Science</i> , 2022, 13, 720486.	1.7	7
124	Intercropping Systems for Sustainable Agriculture. <i>Agriculture (Switzerland)</i> , 2022, 12, 291.	1.4	7
125	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.	1.4	6
126	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.	2.2	6

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127	Seedling growth characteristics in three birches originating from different environments. <i>Ecoscience</i> , 2000, 7, 80-85.	0.6	5
128	Hydro-climatic controls explain variations in catchment-scale nitrogen use efficiency. <i>Environmental Research Letters</i> , 2020, 15, 094006.	2.2	5
129	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.	2.2	5
130	Sustainable Biomass Value Chains Based on Poplar Plantations in European Rural Areas. <i>Bioenergy Research</i> , 2021, 14, 355-356.	2.2	5
131	Site-Effects Dominate the Plant Availability of Nutrients under <i>Salix</i> Species during the First Cutting Cycle. <i>Forests</i> , 2021, 12, 1226.	0.9	5
132	Sustainable production of willow for biofuel use. <i>Burleigh Dodds Series in Agricultural Science</i> , 2020, , 305-340.	0.1	5
133	Seasonal variation in ^{15}N natural abundance in subarctic plants of different life-forms. <i>Ecoscience</i> , 2000, 7, 365-369.	0.6	4
134	Functional traits associated with nitrogen use efficiency in wheat. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016, 66, 153-169.	0.3	4
135	Editorial: Ecological Consequences of Biodiversity and Biotechnology in Agriculture and Forestry. <i>Frontiers in Plant Science</i> , 2016, 7, 210.	1.7	3
136	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.	0.2	3
137	Interactions of nutrient and water availability control growth and diversity effects in a <i>Salix</i> two-species mixture. <i>Ecophysiology</i> , 0, , .	1.1	3
138	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.	0.4	2
139	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.	0.3	2
140	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.	1.3	2
141	Relationship between foliar $\delta^{13}\text{C}$ and sapwood area indicates different water use patterns across 236 <i>Salix</i> genotypes. <i>Trees - Structure and Function</i> , 2018, 32, 1737-1750.	0.9	2
142	The effect of willow diversity on insect herbivory and predation. <i>Agricultural and Forest Entomology</i> , 2022, 24, 27-39.	0.7	2
143	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.	1.3	2
144	Site-Dependent Relationships Between Fungal Community Composition, Plant Genotypic Diversity and Environmental Drivers in a <i>Salix</i> Biomass System. <i>Frontiers in Fungal Biology</i> , 2021, 2, .	0.9	1

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145	Phenotypic plasticity in <i>Populus trichocarpa</i> clones across environments in the Nordic–Baltic region. <i>Scandinavian Journal of Forest Research</i> , 2022, 37, 1-5.	0.5	1
146	Willow., 2013, , 415-426.		0