

# Helena Sylvia Korpelainen

## List of Publications by Year in descending order

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Version: 2024-02-01

202  
papers

6,670  
citations

57758

44  
h-index

95266

68  
g-index

203  
all docs

203  
docs citations

203  
times ranked

5437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-specific interactions shape root phenolics and rhizosphere microbial communities in <i>Populus cathayana</i> . <i>Forest Ecology and Management</i> , 2022, 504, 119857.	3.2	16
2	Ammonium and nitrate affect sexually different responses to salt stress in <i>Populus cathayana</i> . <i>Physiologia Plantarum</i> , 2022, 174, e13626.	5.2	7
3	Sex-specific nitrogen allocation tradeoffs in the leaves of <i>Populus cathayana</i> cuttings under salt and drought stress. <i>Plant Physiology and Biochemistry</i> , 2022, 172, 101-110.	5.8	12
4	Integrated DNA methylation, transcriptome and physiological analyses reveal new insights into superiority of poplars formed by interspecific grafting. <i>Tree Physiology</i> , 2022, 42, 1481-1500.	3.1	5
5	Stem xylem traits and wood formation affect sex-specific responses to drought and rewetting in <i>Populus cathayana</i> . <i>Tree Physiology</i> , 2022, 42, 1350-1363.	3.1	8
6	Nitrogen addition alleviated sexual differences in responses to cadmium toxicity by regulating the antioxidant system and root characteristics, and inhibiting Cd translocation in mulberry seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113288.	6.0	6
7	Sex-specific strategies of nutrient resorption associated with leaf economics in <i>Populus euphratica</i> . <i>Journal of Ecology</i> , 2022, 110, 2062-2073.	4.0	13
8	Intra- and intersexual interactions shape microbial community dynamics in the rhizosphere of <i>Populus cathayana</i> females and males exposed to excess Zn. <i>Journal of Hazardous Materials</i> , 2021, 402, 123783.	12.4	21
9	Elevated temperature and CO <sub>2</sub> interactively modulate sexual competition and ecophysiological responses of dioecious <i>Populus cathayana</i> . <i>Forest Ecology and Management</i> , 2021, 481, 118747.	3.2	22
10	Revealing interactions between root phenolic metabolomes and rhizosphere bacterial communities in <i>Populus euphratica</i> plantations. <i>Biology and Fertility of Soils</i> , 2021, 57, 421-434.	4.3	24
11	Anatomical variation of mesophyll conductance due to salt stress in <i>Populus cathayana</i> females and males growing under different inorganic nitrogen sources. <i>Tree Physiology</i> , 2021, 41, 1462-1478.	3.1	21
12	Sexual differences and sex ratios of dioecious plants under stressful environments. <i>Journal of Plant Ecology</i> , 2021, 14, 920-933.	2.3	56
13	Elevated CO <sub>2</sub> causes different growth stimulation, water- and nitrogen-use efficiencies, and leaf ultrastructure responses in two conifer species under intra- and interspecific competition. <i>Tree Physiology</i> , 2021, 41, 2082-2095.	3.1	6
14	Nitrogen addition affects eco-physiological interactions between two tree species dominating in subtropical forests. <i>Plant Physiology and Biochemistry</i> , 2021, 162, 150-160.	5.8	9
15	Genetic Diversity and Population Structure of <i>Medemia argun</i> (Mart.) Wurttenb. ex H.Wendl. Based on Genome-Wide Markers. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	5
16	Assessment of genetic relationships among native and introduced Himalayan balsam ( <i>Impatiens</i> )	1.9	3
17	Different sexual impacts of dioecious <i>Populus euphratica</i> on microbial communities and nitrogen cycle processes in natural forests. <i>Forest Ecology and Management</i> , 2021, 496, 119403.	3.2	25
18	Hop ( <i>Humulus lupulus</i> L.): Traditional and Present Use, and Future Potential. <i>Economic Botany</i> , 2021, 75, 302-322.	1.7	30

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19	Genetic Diversity of the Symbiotic Fungus <i>Epichloa festucae</i> in Naturally Occurring Host Grass Populations. <i>Frontiers in Microbiology</i> , 2021, 12, 756991.	3.5	3
20	Sex-specific strategies of phosphorus (P) acquisition in <i>Populus cathayana</i> as affected by soil P availability and distribution. <i>New Phytologist</i> , 2020, 225, 782-792.	7.3	66
21	Root traits and rhizosphere processes reflect differential phosphorus acquisition strategies in contrasting <i>Populus</i> clones. <i>Forest Ecology and Management</i> , 2020, 457, 117750.	3.2	5
22	Species-specific responses to drought, salinity and their interactions in <i>Populus euphratica</i> and <i>P. pruinosa</i> seedlings. <i>Journal of Plant Ecology</i> , 2020, 13, 563-573.	2.3	26
23	Stoichiometric flexibility and soil bacterial communities respond to nitrogen fertilization and neighbor competition at the early stage of primary succession. <i>Biology and Fertility of Soils</i> , 2020, 56, 1121-1135.	4.3	9
24	Ecophysiological responses of two poplar species to intraspecific and interspecific competition under different nitrogen levels. <i>Journal of Plant Ecology</i> , 2020, 13, 693-703.	2.3	7
25	Sorrel ( <i>Rumex acetosa</i> L.): Not Only a Weed but a Promising Vegetable and Medicinal Plant. <i>Botanical Review</i> , The, 2020, 86, 234-246.	3.9	16
26	Are males and females of <i>Populus cathayana</i> differentially sensitive to Cd stress?. <i>Journal of Hazardous Materials</i> , 2020, 393, 122411.	12.4	31
27	Microstructural and physiological responses to cadmium stress under different nitrogen levels in <i>Populus cathayana</i> females and males. <i>Tree Physiology</i> , 2020, 40, 30-45.	3.1	26
28	Stronger intra-specific competition aggravates negative effects of drought on the growth of <i>Cunninghamia lanceolata</i> . <i>Environmental and Experimental Botany</i> , 2020, 175, 104042.	4.2	14
29	Sex-related responses in rhizosphere processes of dioecious <i>Populus cathayana</i> exposed to drought and low phosphorus stress. <i>Environmental and Experimental Botany</i> , 2020, 175, 104049.	4.2	20
30	Roots play a key role in drought-tolerance of poplars as suggested by reciprocal grafting between male and female clones. <i>Plant Physiology and Biochemistry</i> , 2020, 153, 81-91.	5.8	8
31	Mechanisms of drought response in <i>Populus</i> . <i>Southern Forests</i> , 2020, 82, 359-366.	0.7	7
32	Increasing soil age drives shifts in plant-plant interactions from positive to negative and affects primary succession dynamics in a subalpine glacier forefield. <i>Geoderma</i> , 2019, 353, 435-448.	5.1	19
33	Broadleaf trees mediate chemically the growth of Chinese fir through root exudates. <i>Biology and Fertility of Soils</i> , 2019, 55, 737-749.	4.3	24
34	Rootstock determines the drought resistance of poplar grafting combinations. <i>Tree Physiology</i> , 2019, 39, 1855-1866.	3.1	23
35	To what extent are bryophytes efficient dispersers?. <i>Journal of Ecology</i> , 2019, 107, 2149-2154.	4.0	29
36	Plant-plant interactions and resource dynamics of <i>Abies fabri</i> and <i>Picea brachytyla</i> as affected by phosphorus fertilization. <i>Environmental and Experimental Botany</i> , 2019, 168, 103893.	4.2	8

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37	Effects of competition and phosphorus fertilization on leaf and root traits of late-successional conifers <i>Abies fabri</i> and <i>Picea brachytyla</i> . <i>Environmental and Experimental Botany</i> , 2019, 162, 14-24.	4.2	17
38	Metabolic and physiological analyses reveal that <i>Populus cathayana</i> males adopt an energy-saving strategy to cope with phosphorus deficiency. <i>Tree Physiology</i> , 2019, 39, 1630-1645.	3.1	39
39	Postglacial colonization history reflects in the genetic structure of natural populations of <i>Festuca rubra</i> in Europe. <i>Ecology and Evolution</i> , 2019, 9, 3661-3674.	1.9	8
40	Physiological responses of <i>Elaeocarpus glabripetalus</i> seedlings exposed to simulated acid rain and cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2019, 175, 118-127.	6.0	25
41	Distinct co-occurrence patterns and driving forces of rare and abundant bacterial subcommunities following a glacial retreat in the eastern Tibetan Plateau. <i>Biology and Fertility of Soils</i> , 2019, 55, 351-364.	4.3	50
42	Elevated temperature differently affects growth, photosynthetic capacity, nutrient absorption and leaf ultrastructure of <i>Abies faxoniana</i> and <i>Picea purpurea</i> under intra- and interspecific competition. <i>Tree Physiology</i> , 2019, 39, 1342-1357.	3.1	21
43	The effects of sample age and taxonomic origin on the success rate of DNA barcoding when using herbarium material. <i>Plant Systematics and Evolution</i> , 2019, 305, 319-324.	0.9	4
44	Asymmetric pruning reveals how organ connectivity alters the functional balance between leaves and roots of Chinese fir. <i>Journal of Experimental Botany</i> , 2019, 70, 1941-1953.	4.8	7
45	Revealing microbial processes and nutrient limitation in soil through ecoenzymatic stoichiometry and glomalin-related soil proteins in a retreating glacier forefield. <i>Geoderma</i> , 2019, 338, 313-324.	5.1	49
46	Plant-plant interactions and N fertilization shape soil bacterial and fungal communities. <i>Soil Biology and Biochemistry</i> , 2019, 128, 127-138.	8.8	94
47	Fast-growing <i>Larix kaempferi</i> suffers under nutrient imbalance caused by phosphorus fertilization in larch plantation soil. <i>Forest Ecology and Management</i> , 2018, 417, 49-62.	3.2	8
48	Divergent assemblage patterns and driving forces for bacterial and fungal communities along a glacier forefield chronosequence. <i>Soil Biology and Biochemistry</i> , 2018, 118, 207-216.	8.8	133
49	Genetic profiling of the critically endangered palm species <i>Medemia argun</i> using newly developed chloroplast DNA markers. <i>Plant Ecology and Diversity</i> , 2018, 11, 185-192.	2.4	3
50	Different responses in leaf-level physiology to competition and facilitation under different soil types and N fertilization. <i>Environmental and Experimental Botany</i> , 2018, 150, 69-78.	4.2	15
51	Male <i>Populus cathayana</i> than female shows higher photosynthesis and less cellular injury through ABA-induced manganese transporting inhibition under high manganese condition. <i>Trees - Structure and Function</i> , 2018, 32, 255-263.	1.9	12
52	Improved characterization of <i>Clematis</i> based on new chloroplast microsatellite markers and nuclear ITS sequences. <i>Horticulture Environment and Biotechnology</i> , 2018, 59, 889-897.	2.1	3
53	Improved drought resistance by intergeneric grafting in <i>Salicaceae</i> plants under water deficits. <i>Environmental and Experimental Botany</i> , 2018, 155, 217-225.	4.2	11
54	Influence of soil qualities on intra- and interspecific competition dynamics of <i>Larix kaempferi</i> and <i>L. olgensis</i> . <i>Environmental and Experimental Botany</i> , 2017, 135, 96-105.	4.2	12

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55	Sex-specific competition differently regulates ecophysiological responses and phytoremediation of <i>Populus cathayana</i> under Pb stress. <i>Plant and Soil</i> , 2017, 421, 203-218.	3.7	17
56	Effects of phosphorus availability on later stages of primary succession in Gongga Mountain glacier retreat area. <i>Environmental and Experimental Botany</i> , 2017, 141, 103-112.	4.2	13
57	Biodiversity of pollen in indoor air samples as revealed by DNA metabarcoding. <i>Nordic Journal of Botany</i> , 2017, 35, 602-608.	0.5	28
58	Nitrogen-controlled intra- and interspecific competition between <i>Populus purdomii</i> and <i>Salix rehderiana</i> drive primary succession in the Gongga Mountain glacier retreat area. <i>Tree Physiology</i> , 2017, 37, 799-814.	3.1	34
59	Reproductive investments driven by sex and altitude in sympatric <i>Populus</i> and <i>Salix</i> trees. <i>Tree Physiology</i> , 2017, 37, 1503-1514.	3.1	38
60	Diversity of indoor fungi as revealed by DNA metabarcoding. <i>Genome</i> , 2017, 60, 55-64.	2.0	8
61	iTRAQ-based quantitative proteomic analysis gives insight into sexually different metabolic processes of poplars under nitrogen and phosphorus deficiencies. <i>Proteomics</i> , 2016, 16, 614-628.	2.2	16
62	Physiological and transcriptional responses of two contrasting <i>Populus</i> clones to nitrogen stress. <i>Tree Physiology</i> , 2016, 36, 628-642.	3.1	21
63	Males exhibit competitive advantages over females of <i>Populus deltoides</i> under salinity stress. <i>Tree Physiology</i> , 2016, 36, 1573-1584.	3.1	44
64	Effects of nitrogen and phosphorus supply on growth and physiological traits of two <i>Larix</i> species. <i>Environmental and Experimental Botany</i> , 2016, 130, 206-215.	4.2	36
65	Effective detection of indoor fungi by metabarcoding. <i>Annals of Microbiology</i> , 2016, 66, 495-498.	2.6	11
66	Growth, biomass allocation and photosynthetic responses are related to intensity of root severance and soil moisture conditions in the plantation tree <i>Cunninghamia lanceolata</i> . <i>Tree Physiology</i> , 2016, 36, 807-817.	3.1	50
67	Identifying sex in non-fertile individuals of the moss <i>Drepanocladus turgescens</i> (Bryophyta): Tj ETQq1 1 0.784314 rgBT / Overlock 10 T	2.4	9
68	Sexual competition affects biomass partitioning, carbon nutrient balance, Cd allocation and ultrastructure of <i>Populus cathayana</i> females and males exposed to Cd stress. <i>Tree Physiology</i> , 2016, 36, tpw054.	3.1	11
69	Species-specific competition and N fertilization regulate non-structural carbohydrate contents in two <i>Larix</i> species. <i>Forest Ecology and Management</i> , 2016, 364, 60-69.	3.2	49
70	Comparative Population Genetics of Red Alga Occupying Different Salinity Conditions. , 2016, , 331-344.		2
71	Transcriptomic regulatory network underlying morphological and physiological acclimation to nitrogen starvation and excess in poplar roots and leaves. <i>Tree Physiology</i> , 2015, 35, 1279-1282.	3.1	5
72	Population genetics of the invasive giant hogweed ( <i>Heracleum</i> sp.) in a northern European region. <i>Plant Ecology</i> , 2015, 216, 1155-1162.	1.6	6

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73	Transcriptional profiling in dioecious plant <i>Populus cathayana</i> reveals potential and sex-related molecular adaptations to solar UV-B radiation. <i>Physiologia Plantarum</i> , 2015, 153, 105-118.	5.2	9
74	Male poplars have a stronger ability to balance growth and carbohydrate accumulation than do females in response to a short-term potassium deficiency. <i>Physiologia Plantarum</i> , 2015, 155, 400-413.	5.2	18
75	Population genetics of Himalayan balsam ( <i>Impatiens glandulifera</i> ): comparison of native and introduced populations. <i>Plant Ecology and Diversity</i> , 2015, 8, 317-321.	2.4	24
76	Soil nematode assemblages as bioindicators of primary succession along a 120-year-old chronosequence on the Hailuoguo Glacier forefield, SW China. <i>Soil Biology and Biochemistry</i> , 2015, 88, 362-371.	8.8	46
77	Partial shading of lateral branches affects growth, and foliage nitrogen- and water-use efficiencies in the conifer <i>Cunninghamia lanceolata</i> growing in a warm monsoon climate. <i>Tree Physiology</i> , 2015, 35, 632-643.	3.1	41
78	No evidence of sexual niche partitioning in a dioecious moss with rare sexual reproduction. <i>Annals of Botany</i> , 2015, 116, 771-779.	2.9	29
79	Sexual competition and N supply interactively affect the dimorphism and competitiveness of opposite sexes in <i>Populus cathayana</i> . <i>Plant, Cell and Environment</i> , 2015, 38, 1285-1298.	5.7	44
80	Development and Characterization of Nuclear Microsatellite Markers in the Endophytic Fungus <i>Epichloa festucae</i> (Clavicipitaceae). <i>Applications in Plant Sciences</i> , 2014, 2, 1400093.	2.1	3
81	Development and Characterization of Chloroplast Microsatellite Markers in a Fine-Leaved Fescue, <i>Festuca rubra</i> (Poaceae). <i>Applications in Plant Sciences</i> , 2014, 2, 1400094.	2.1	3
82	Sexually different physiological responses of <i>Populus cathayana</i> to nitrogen and phosphorus deficiencies. <i>Tree Physiology</i> , 2014, 34, 343-354.	3.1	102
83	Intra- and intersexual competition of <i>Populus cathayana</i> under different watering regimes. <i>Functional Ecology</i> , 2014, 28, 124-136.	3.6	86
84	Molecular characterization of Nicaraguan <i>Pinus tecunumanii</i> Schw. ex Eguiluz et Perry populations for in situ conservation. <i>Trees - Structure and Function</i> , 2014, 28, 1249-1253.	1.9	2
85	Altitudinal variation in growth, photosynthetic capacity and water use efficiency of <i>Abies faxoniana</i> Rehd. et Wils. seedlings as revealed by reciprocal transplantations. <i>Trees - Structure and Function</i> , 2013, 27, 1405-1416.	1.9	29
86	Reciprocal grafting separates the roles of the root and shoot in sex-related drought responses in <i>Populus cathayana</i> males and females. <i>Plant, Cell and Environment</i> , 2013, 36, 356-364.	5.7	36
87	Sex-specific responses of <i>Populus yunnanensis</i> exposed to elevated CO <sub>2</sub> and salinity. <i>Physiologia Plantarum</i> , 2013, 147, 477-488.	5.2	37
88	The effects of exogenous putrescine on sex-specific responses of <i>Populus cathayana</i> to copper stress. <i>Ecotoxicology and Environmental Safety</i> , 2013, 97, 94-102.	6.0	34
89	Plastic responses of <i>Populus yunnanensis</i> and <i>Abies faxoniana</i> to elevated atmospheric CO <sub>2</sub> and warming. <i>Forest Ecology and Management</i> , 2013, 296, 33-40.	3.2	14
90	Effect of warming on extracted soil carbon pools of <i>Abies faxoniana</i> forest at two elevations. <i>Forest Ecology and Management</i> , 2013, 310, 357-365.	3.2	15

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91	<i>Populus cathayana</i> males are less affected than females by excess manganese: Comparative proteomic and physiological analyses. <i>Proteomics</i> , 2013, 13, 2424-2437.	2.2	23
92	<i>Populus yunnanensis</i> males adopt more efficient protective strategies than females to cope with excess zinc and acid rain. <i>Chemosphere</i> , 2013, 91, 1213-1220.	8.2	35
93	Comparative Analyses of Plastid Sequences between Native and Introduced Populations of Aquatic Weeds <i>Elodea canadensis</i> and <i>E. nuttallii</i> . <i>PLoS ONE</i> , 2013, 8, e58073.	2.5	7
94	Effects of elevated $\text{CO}_2$ and temperature on photosynthesis and leaf traits of an understory dwarf bamboo in subalpine forest zone, China. <i>Physiologia Plantarum</i> , 2013, 148, 261-272.	5.2	33
95	Spatial genetic structure of aquatic bryophytes in a connected lake system. <i>Plant Biology</i> , 2013, 15, 514-521.	3.8	23
96	Single nucleotide polymorphisms found in the red alga <i>Furcellaria lumbricalis</i> ( <i>Gigartinales</i> ): new markers for population and conservation genetic analyses. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013, 23, 460-467.	2.0	6
97	Preliminary evaluation of $F_1$ generation derived from two common bean landraces ( <i>Phaseolus vulgaris</i> ) from Nicaragua. <i>Plant Breeding</i> , 2013, 132, 205-210.	1.9	4
98	Sexual differences in photosynthetic activity, ultrastructure and phytoremediation potential of <i>Populus cathayana</i> exposed to lead and drought. <i>Tree Physiology</i> , 2013, 33, 1043-1060.	3.1	48
99	Microsatellite markers for common lilac ( <i>Syringa vulgaris</i> L.). <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2013, 11, 279-282.	0.8	3
100	Genetic structure of mosses <i>Pleurozium schreberi</i> (Willd. ex Brid.) Mitt. and <i>Racomitrium lanuginosum</i> (Hedw.) Brid. along altitude gradients in Hokkaido, Japan. <i>Journal of Bryology</i> , 2012, 34, 309-312.	1.2	17
101	Microsatellite markers for <i>Hylocomium splendens</i> (Hylocomiaceae). <i>American Journal of Botany</i> , 2012, 99, e344-6.	1.7	2
102	Genetic diversity of native cultivated cacao accessions ( <i>Theobroma cacao</i> L.) in Nicaragua. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2012, 10, 254-257.	0.8	1
103	Sex-related and stage-dependent source-to-sink transition in <i>Populus cathayana</i> grown at elevated $\text{CO}_2$ and elevated temperature. <i>Tree Physiology</i> , 2012, 32, 1325-1338.	3.1	55
104	Transcriptional profiling analysis in <i>Populus yunnanensis</i> provides insights into molecular mechanisms of sexual differences in salinity tolerance. <i>Journal of Experimental Botany</i> , 2012, 63, 3709-3726.	4.8	43
105	Transcriptional profiling reveals sexual differences of the leaf transcriptomes in response to drought stress in <i>Populus yunnanensis</i> . <i>Tree Physiology</i> , 2012, 32, 1541-1555.	3.1	44
106	Genetic Composition of Bryophyte Populations Occupying Habitats Differing in the Level of Human Disturbance. <i>International Journal of Plant Sciences</i> , 2012, 173, 1015-1022.	1.3	8
107	Biochemical and Proteomic Analyses Reveal that <i>Populus cathayana</i> Males and Females Have Different Metabolic Activities under Chilling Stress. <i>Journal of Proteome Research</i> , 2012, 11, 5815-5826.	3.7	24
108	<i>Populus cathayana</i> males exhibit more efficient protective mechanisms than females under drought stress. <i>Forest Ecology and Management</i> , 2012, 275, 68-78.	3.2	54



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109	Complete chloroplast genome sequence of <i>Elodea canadensis</i> and comparative analyses with other monocot plastid genomes. <i>Gene</i> , 2012, 508, 96-105.	2.2	89
110	Comparative study on the population genetics of the red algae <i>Furcellaria lumbricalis</i> occupying different salinity conditions. <i>Marine Biology</i> , 2012, 159, 561-571.	1.5	20
111	Comparative Proteomics Analysis of Salt Response Reveals Sex-Related Photosynthetic Inhibition by Salinity in <i>Populus cathayana</i> Cuttings. <i>Journal of Proteome Research</i> , 2011, 10, 3944-3958.	3.7	59
112	Physiological responses of <i>Abies faxoniana</i> seedlings to different non-growing-season temperatures as revealed by reciprocal transplantations at two contrasting altitudes. <i>Canadian Journal of Forest Research</i> , 2011, 41, 599-607.	1.7	7
113	Long-term acclimation of mesophyll conductance, carbon isotope discrimination and growth in two contrasting <i>Picea asperata</i> populations exposed to drought and enhanced UV-B radiation for three years. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 116-126.	4.8	15
114	Links between plant diversity, carbon stocks and environmental factors along a successional gradient in a subalpine coniferous forest in Southwest China. <i>Forest Ecology and Management</i> , 2011, 262, 361-369.	3.2	59
115	Search for stress-responsive genes in the red alga <i>Furcellaria lumbricalis</i> (Rhodophyta) by expressed sequence tag analysis. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 404, 21-25.	1.5	9
116	Effect of drought and ABA on growth, photosynthesis and antioxidant system of <i>Cotinus coggygria</i> seedlings under two different light conditions. <i>Environmental and Experimental Botany</i> , 2011, 71, 107-113.	4.2	77
117	Fine-scale spatial genetic structure of a liverwort ( <i>Barbilophozia attenuata</i> ) within a network of ant trails. <i>Evolutionary Ecology</i> , 2011, 25, 45-57.	1.2	21
118	DNA barcoding: a tool for improved taxon identification and detection of species diversity. <i>Biodiversity and Conservation</i> , 2011, 20, 373-389.	2.6	62
119	Nitrogen deposition limits photosynthetic response to elevated CO <sub>2</sub> differentially in a dioecious species. <i>Oecologia</i> , 2011, 165, 41-54.	2.0	56
120	Adaptability to elevated temperature and nitrogen addition is greater in a high-elevation population than in a low-elevation population of <i>Hippophae rhamnoides</i> . <i>Trees - Structure and Function</i> , 2011, 25, 1073-1082.	1.9	12
121	Genetic structure in fragmented populations of <i>Hippophae rhamnoides</i> ssp. <i>sinensis</i> in China investigated by ISSR and cpSSR markers. <i>Plant Systematics and Evolution</i> , 2011, 295, 97-107.	0.9	22
122	Molecular and morphological evidence for distinct species in <i>Dumortiera</i> (Dumortieraceae). <i>Bryologist</i> , 2011, 114, 102-115.	0.6	18
123	Isolation of polymorphic microsatellite markers and tests of cross-amplification in four widespread European calcicole ferns. <i>American Journal of Botany</i> , 2011, 98, e319-22.	1.7	3
124	Nitrogen nutrient status induces sexual differences in responses to cadmium in <i>Populus yunnanensis</i> . <i>Journal of Experimental Botany</i> , 2011, 62, 5037-5050.	4.8	128
125	Sex-related differences in morphological, physiological, and ultrastructural responses of <i>Populus cathayana</i> to chilling. <i>Journal of Experimental Botany</i> , 2011, 62, 675-686.	4.8	106
126	Hybridization and introgression in <i>Carex aquatilis</i> and <i>C. Åpaleacea</i> . <i>Plant Systematics and Evolution</i> , 2010, 287, 141-151.	0.9	9



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127	Physiological differences in <i>Rhododendron calophytum</i> seedlings regenerated in mineral soil or on fallen dead wood of different decaying stages. <i>Plant and Soil</i> , 2010, 337, 205-215.	3.7	9
128	An improved and cost-effective cDNA-AFLP method to investigate transcription-derived products when high throughput sequencing is not available. <i>Journal of Biotechnology</i> , 2010, 145, 43-46.	3.8	7
129	Comparative physiological, ultrastructural and proteomic analyses reveal sexual differences in the responses of <i>Populus cathayana</i> under drought stress. <i>Proteomics</i> , 2010, 10, 2661-2677.	2.2	79
130	Inbreeding and inbreeding depression in a threatened endemic plant, the African violet ( <i>Saintpaulia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T Ecology, 2010, 48, 576-587.	0.9	8
131	Sex-related adaptive responses to interaction of drought and salinity in <i>Populus yunnanensis</i> . <i>Plant, Cell and Environment</i> , 2010, 33, 1767-1778.	5.7	127
132	Sex-specific responses and tolerances of <i>Populus cathayana</i> to salinity. <i>Physiologia Plantarum</i> , 2010, 140, 163-173.	5.2	60
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140	Age-related nutrient content and carbon isotope composition in the leaves and branches of <i>Quercus aquifolioides</i> along an altitudinal gradient. <i>Trees - Structure and Function</i> , 2009, 23, 1109-1121.	1.9	43
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