Helena Sylvia Korpelainen

List of Publications by Year
in descending order

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202	6,670	57752	95259
papers	citations	44 h-index	68 g-index

203	203	203	5437
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sex-specific interactions shape root phenolics and rhizosphere microbial communities in Populus cathayana. Forest Ecology and Management, 2022, 504, 119857.	3.2	16
2	Ammonium and nitrate affect sexually different responses to salt stress in Populus cathayana. Physiologia Plantarum, 2022, 174, e13626.	5.2	7
3	Sex-specific nitrogen allocation tradeoffs in the leaves of Populus cathayana cuttings under salt and drought stress. Plant Physiology and Biochemistry, 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. Tree Physiology, 2022, 42, 1481-1500.	3.1	5
5	Stem xylem traits and wood formation affect sex-specific responses to drought and rewatering inPopulus cathayana. Tree Physiology, 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. Ecotoxicology and Environmental Safety, 2022, 232, 113288.	6.0	6
7	Sexâ€specific strategies of nutrient resorption associated with leaf economics in Populus euphratica. Journal of Ecology, 2022, 110, 2062-2073.	4.0	13
8	Intra- and intersexual interactions shape microbial community dynamics in the rhizosphere of Populus cathayana females and males exposed to excess Zn. Journal of Hazardous Materials, 2021, 402, 123783.	12.4	21
9	Elevated temperature and CO2 interactively modulate sexual competition and ecophysiological responses of dioecious Populus cathayana. Forest Ecology and Management, 2021, 481, 118747.	3.2	22
10	Revealing interactions between root phenolic metabolomes and rhizosphere bacterial communities in Populus euphratica plantations. Biology and Fertility of Soils, 2021, 57, 421-434.	4.3	24
11	Anatomical variation of mesophyll conductance due to salt stress inPopulus cathayanafemales and males growing under different inorganic nitrogen sources. Tree Physiology, 2021, 41, 1462-1478.	3.1	21
12	Sexual differences and sex ratios of dioecious plants under stressful environments. Journal of Plant Ecology, 2021, 14, 920-933.	2.3	56
13	Elevated CO2 causes different growth stimulation, water- and nitrogen-use efficiencies, and leaf ultrastructure responses in two conifer species under intra- and interspecific competition. Tree Physiology, 2021, 41, 2082-2095.	3.1	6
14	Nitrogen addition affects eco-physiological interactions between two tree species dominating in subtropical forests. Plant Physiology and Biochemistry, 2021, 162, 150-160.	5.8	9
15	Genetic Diversity and Population Structure of Medemia argun (Mart.) Wurttenb. ex H.Wendl. Based on Genome-Wide Markers. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	5
16	Assessment of genetic relationships among native and introduced Himalayan balsam (Impatiens) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	3
17	Different sexual impacts of dioecious Populus euphratica on microbial communities and nitrogen cycle processes in natural forests. Forest Ecology and Management, 2021, 496, 119403.	3.2	25
18	Hop (Humulus lupulus L.): Traditional and Present Use, and Future Potential. Economic Botany, 2021, 75, 302-322.	1.7	30

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19	Genetic Diversity of the Symbiotic Fungus EpichloÃ« festucae in Naturally Occurring Host Grass Populations. Frontiers in Microbiology, 2021, 12, 756991.	3.5	3
20	Sexâ€specific strategies of phosphorus (P) acquisition in Populus cathayana as affected by soil P availability and distribution. New Phytologist, 2020, 225, 782-792.	7.3	66
21	Root traits and rhizosphere processes reflect differential phosphorus acquisition strategies in contrasting Populus clones. Forest Ecology and Management, 2020, 457, 117750.	3.2	5
22	Species-specific responses to drought, salinity and their interactions in Populus euphratica and P. pruinosa seedlings. Journal of Plant Ecology, 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. Biology and Fertility of Soils, 2020, 56, 1121-1135.	4.3	9
24	Ecophysiological responses of two poplar species to intraspecific and interspecific competition under different nitrogen levels. Journal of Plant Ecology, 2020, 13, 693-703.	2.3	7
25	Sorrel (Rumex acetosa L.): Not Only a Weed but a Promising Vegetable and Medicinal Plant. Botanical Review, The, 2020, 86, 234-246.	3.9	16
26	Are males and females of Populus cathayana differentially sensitive to Cd stress?. Journal of Hazardous Materials, 2020, 393, 122411.	12.4	31
27	Microstructural and physiological responses to cadmium stress under different nitrogen levels in Populus cathayana females and males. Tree Physiology, 2020, 40, 30-45.	3.1	26
28	Stronger intra-specific competition aggravates negative effects of drought on the growth of Cunninghamia lanceolata. Environmental and Experimental Botany, 2020, 175, 104042.	4.2	14
29	Sex-related responses in rhizosphere processes of dioecious Populus cathayana exposed to drought and low phosphorus stress. Environmental and Experimental Botany, 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. Plant Physiology and Biochemistry, 2020, 153, 81-91.	5.8	8
31	Mechanisms of drought response in Populus. Southern Forests, 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. Geoderma, 2019, 353, 435-448.	5.1	19
33	Broadleaf trees mediate chemically the growth of Chinese fir through root exudates. Biology and Fertility of Soils, 2019, 55, 737-749.	4.3	24
34	Rootstock determines the drought resistance of poplar grafting combinations. Tree Physiology, 2019, 39, 1855-1866.	3.1	23
35	To what extent are bryophytes efficient dispersers?. Journal of Ecology, 2019, 107, 2149-2154.	4.0	29
36	Plant-plant interactions and resource dynamics of Abies fabri and Picea brachytyla as affected by phosphorus fertilization. Environmental and Experimental Botany, 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 Abies fabri and Picea brachytyla. Environmental and Experimental Botany, 2019, 162, 14-24.	4.2	17
38	Metabolic and physiological analyses reveal that Populus cathayana males adopt an energy-saving strategy to cope with phosphorus deficiency. Tree Physiology, 2019, 39, 1630-1645.	3.1	39
39	Postglacial colonization history reflects in the genetic structure of natural populations of Festuca rubra in Europe. Ecology and Evolution, 2019, 9, 3661-3674.	1.9	8
40	Physiological responses of Elaeocarpus glabripetalus seedlings exposed to simulated acid rain and cadmium. Ecotoxicology and Environmental Safety, 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. Biology and Fertility of Soils, 2019, 55, 351-364.	4.3	50
42	Elevated temperature differently affects growth, photosynthetic capacity, nutrient absorption and leaf ultrastructure of Abies faxoniana and Picea purpurea under intra- and interspecific competition. Tree Physiology, 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. Plant Systematics and Evolution, 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. Journal of Experimental Botany, 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. Geoderma, 2019, 338, 313-324.	5.1	49
46	Plant-plant interactions and N fertilization shape soil bacterial and fungal communities. Soil Biology and Biochemistry, 2019, 128, 127-138.	8.8	94
47	Fast-growing Larix kaempferi suffers under nutrient imbalance caused by phosphorus fertilization in larch plantation soil. Forest Ecology and Management, 2018, 417, 49-62.	3.2	8
48	Divergent assemblage patterns and driving forces for bacterial and fungal communities along a glacier forefield chronosequence. Soil Biology and Biochemistry, 2018, 118, 207-216.	8.8	133
49	Genetic profiling of the critically endangered palm speciesMedemia argunusing newly developed chloroplast DNA markers. Plant Ecology and Diversity, 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. Environmental and Experimental Botany, 2018, 150, 69-78.	4.2	15
51	Male Populus cathayana than female shows higher photosynthesis and less cellular injury through ABA-induced manganese transporting inhibition under high manganese condition. Trees - Structure and Function, 2018, 32, 255-263.	1.9	12
52	Improved characterization of Clematis based on new chloroplast microsatellite markers and nuclear ITS sequences. Horticulture Environment and Biotechnology, 2018, 59, 889-897.	2.1	3
53	Improved drought resistance by intergeneric graftingin Salicaceae plants under water deficits. Environmental and Experimental Botany, 2018, 155, 217-225.	4.2	11
54	Influence of soil qualities on intra- and interspecific competition dynamics of Larix kaempferi and L. olgensis. Environmental and Experimental Botany, 2017, 135, 96-105.	4.2	12

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55	Sex-specific competition differently regulates ecophysiological responses and phytoremediation of Populus cathayana under Pb stress. Plant and Soil, 2017, 421, 203-218.	3.7	17
56	Effects of phosphorus availability on later stages of primary succession in Gongga Mountain glacier retreat area. Environmental and Experimental Botany, 2017, 141, 103-112.	4.2	13
57	Biodiversity of pollen in indoor air samples as revealed by DNA metabarcoding. Nordic Journal of Botany, 2017, 35, 602-608.	0.5	28
58	Nitrogen-controlled intra- and interspecific competition between Populus purdomii and Salix rehderiana drive primary succession in the Gongga Mountain glacier retreat area. Tree Physiology, 2017, 37, 799-814.	3.1	34
59	Reproductive investments driven by sex and altitude in sympatric Populus and Salix trees. Tree Physiology, 2017, 37, 1503-1514.	3.1	38
60	Diversity of indoor fungi as revealed by DNA metabarcoding. Genome, 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. Proteomics, 2016, 16, 614-628.	2.2	16
62	Physiological and transcriptional responses of two contrastingPopulusclones to nitrogen stress. Tree Physiology, 2016, 36, 628-642.	3.1	21
63	Males exhibit competitive advantages over females ofPopulus deltoidesunder salinity stress. Tree Physiology, 2016, 36, 1573-1584.	3.1	44
64	Effects of nitrogen and phosphorus supply on growth and physiological traits of two Larix species. Environmental and Experimental Botany, 2016, 130, 206-215.	4.2	36
65	Effective detection of indoor fungi by metabarcoding. Annals of Microbiology, 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 treeCunninghamia lanceolata. Tree Physiology, 2016, 36, 807-817.	3.1	50
67	Identifying sex in non-fertile individuals of the moss Drepanocladus turgescens (Bryophyta:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.4	9
68	Sexual competition affects biomass partitioning, carbonâ€“nutrient balance, Cd allocation and ultrastructure ofPopulus cathayanafemales and males exposed to Cd stress. Tree Physiology, 2016, 36, tpw054.	3.1	11
69	Species-specific competition and N fertilization regulate non-structural carbohydrate contents in two Larix species. Forest Ecology and Management, 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. Tree Physiology, 2015, 35, 1279-1282.	3.1	5
72	Population genetics of the invasive giant hogweed (Heracleum sp.) in a northern European region. Plant Ecology, 2015, 216, 1155-1162.	1.6	6

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73	Transcriptional profiling in dioecious plant Populus cathayana reveals potential and sexâ€related molecular adaptations to solar <scp>UV</scp>â€B radiation. Physiologia Plantarum, 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 shortâ€term potassium deficiency. Physiologia Plantarum, 2015, 155, 400-413.	5.2	18
75	Population genetics of Himalayan balsam (Impatiens glandulifera): comparison of native and introduced populations. Plant Ecology and Diversity, 2015, 8, 317-321.	2.4	24
76	Soil nematode assemblages as bioindicators of primary succession along a 120-year-old chronosequence on the Hailuogou Glacier forefield, SW China. Soil Biology and Biochemistry, 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 Cunninghamia lanceolata growing in a warm monsoon climate. Tree Physiology, 2015, 35, 632-643.	3.1	41
78	No evidence of sexual niche partitioning in a dioecious moss with rare sexual reproduction. Annals of Botany, 2015, 116, 771-779.	2.9	29
79	Sexual competition and <scp>N</scp> supply interactively affect the dimorphism and competiveness of opposite sexes in <scp>P</scp>opulus cathayana. Plant, Cell and Environment, 2015, 38, 1285-1298.	5.7	44
80	Development and Characterization of Nuclear Microsatellite Markers in the Endophytic FungusEpichloÃ« festucae(Clavicipitaceae). Applications in Plant Sciences, 2014, 2, 1400093.	2.1	3
81	Development and Characterization of Chloroplast Microsatellite Markers in a Fine-Leaved Fescue,Festuca rubra(Poaceae). Applications in Plant Sciences, 2014, 2, 1400094.	2.1	3
82	Sexually different physiological responses of Populus cathayana to nitrogen and phosphorus deficiencies. Tree Physiology, 2014, 34, 343-354.	3.1	102
83	Intraâ€and interâ€sexual competition of <scp>P</scp>opulus cathayana under different watering regimes. Functional Ecology, 2014, 28, 124-136.	3.6	86
84	Molecular characterization of Nicaraguan Pinus tecunumanii Schw. ex Eguiluz et Perry populations for in situ conservation. Trees - Structure and Function, 2014, 28, 1249-1253.	1.9	2
85	Altitudinal variation in growth, photosynthetic capacity and water use efficiency of Abies faxoniana Rehd. et Wils. seedlings as revealed by reciprocal transplantations. Trees - Structure and Function, 2013, 27, 1405-1416.	1.9	29
86	Reciprocal grafting separates the roles of the root and shoot in sexâ€related drought responses in Populus cathayana males and females. Plant, Cell and Environment, 2013, 36, 356-364.	5.7	36
87	Sexâ€specific responses of Populus yunnanensis exposed to elevated <scp>CO</scp>₂ and salinity. Physiologia Plantarum, 2013, 147, 477-488.	5.2	37
88	The effects of exogenous putrescine on sex-specific responses of Populus cathayana to copper stress. Ecotoxicology and Environmental Safety, 2013, 97, 94-102.	6.0	34
89	Plastic responses of Populus yunnanensis and Abies faxoniana to elevated atmospheric CO2 and warming. Forest Ecology and Management, 2013, 296, 33-40.	3.2	14
90	Effect of warming on extracted soil carbon pools of Abies faxoniana forest at two elevations. Forest Ecology and Management, 2013, 310, 357-365.	3.2	15

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91	Populus cathayana males are less affected than females by excess manganese: Comparative proteomic and physiological analyses. Proteomics, 2013, 13, 2424-2437.	2.2	23
92	Populus yunnanensis males adopt more efficient protective strategies than females to cope with excess zinc and acid rain. Chemosphere, 2013, 91, 1213-1220.	8.2	35
93	Comparative Analyses of Plastid Sequences between Native and Introduced Populations of Aquatic Weeds Elodea canadensis and E. nuttallii. PLoS ONE, 2013, 8, e58073.	2.5	7
94	Effects of elevated <scp>CO₂</scp> and temperature on photosynthesis and leaf traits of an understory dwarf bamboo in subalpine forest zone, China. Physiologia Plantarum, 2013, 148, 261-272.	5.2	33
95	Spatial genetic structure of aquatic bryophytes in a connected lake system. Plant Biology, 2013, 15, 514-521.	3.8	23
96	Single nucleotide polymorphisms found in the red alga Furcellaria lumbricalis (Gigartinales): new markers for population and conservation genetic analyses. Aquatic Conservation: Marine and Freshwater Ecosystems, 2013, 23, 460-467.	2.0	6
97	Preliminary evaluation of <scp>F</scp>₁ generation derived from two common bean landraces (<scp>P</scp>haseolus vulgaris) from <scp>N</scp>icaragua. Plant Breeding, 2013, 132, 205-210.	1.9	4
98	Sexual differences in photosynthetic activity, ultrastructure and phytoremediation potential of Populus cathayana exposed to lead and drought. Tree Physiology, 2013, 33, 1043-1060.	3.1	48
99	Microsatellite markers for common lilac (Syringa vulgaris L.). Plant Genetic Resources: Characterisation and Utilisation, 2013, 11, 279-282.	0.8	3
100	Genetic structure of mossesPleurozium schreberi(Willd. ex Brid.) Mitt. andRacomitrium lanuginosum(Hedw.) Brid. along altitude gradients in Hokkaido, Japan. Journal of Bryology, 2012, 34, 309-312.	1.2	17
101	Microsatellite markers for Hylocomium splendens (Hylocomiaceae). American Journal of Botany, 2012, 99, e344-6.	1.7	2
102	Genetic diversity of native cultivated cacao accessions (Theobroma cacao L.) in Nicaragua. Plant Genetic Resources: Characterisation and Utilisation, 2012, 10, 254-257.	0.8	1
103	Sex-related and stage-dependent source-to-sink transition in Populus cathayana grown at elevated CO2 and elevated temperature. Tree Physiology, 2012, 32, 1325-1338.	3.1	55
104	Transcriptional profiling analysis in Populus yunnanensis provides insights into molecular mechanisms of sexual differences in salinity tolerance. Journal of Experimental Botany, 2012, 63, 3709-3726.	4.8	43
105	Transcriptional profiling reveals sexual differences of the leaf transcriptomes in response to drought stress in Populus yunnanensis. Tree Physiology, 2012, 32, 1541-1555.	3.1	44
106	Genetic Composition of Bryophyte Populations Occupying Habitats Differing in the Level of Human Disturbance. International Journal of Plant Sciences, 2012, 173, 1015-1022.	1.3	8
107	Biochemical and Proteomic Analyses Reveal that Populus cathayana Males and Females Have Different Metabolic Activities under Chilling Stress. Journal of Proteome Research, 2012, 11, 5815-5826.	3.7	24
108	Populus cathayana males exhibit more efficient protective mechanisms than females under drought stress. Forest Ecology and Management, 2012, 275, 68-78.	3.2	54

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109	Complete chloroplast genome sequence of Elodea canadensis and comparative analyses with other monocot plastid genomes. Gene, 2012, 508, 96-105.	2.2	89
110	Comparative study on the population genetics of the red algae Furcellaria lumbricalis occupying different salinity conditions. Marine Biology, 2012, 159, 561-571.	1.5	20
111	Comparative Proteomics Analysis of Salt Response Reveals Sex-Related Photosynthetic Inhibition by Salinity in Populus cathayana Cuttings. Journal of Proteome Research, 2011, 10, 3944-3958.	3.7	59
112	Physiological responses of Abies faxoniana seedlings to different non-growing-season temperatures as revealed by reciprocal transplantations at two contrasting altitudes. Canadian Journal of Forest Research, 2011, 41, 599-607.	1.7	7
113	Long-term acclimation of mesophyll conductance, carbon isotope discrimination and growth in two contrasting Picea asperata populations exposed to drought and enhanced UV-B radiation for three years. Agricultural and Forest Meteorology, 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. Forest Ecology and Management, 2011, 262, 361-369.	3.2	59
115	Search for stress-responsive genes in the red alga Furcellaria lumbricalis (Rhodophyta) by expressed sequence tag analysis. Journal of Experimental Marine Biology and Ecology, 2011, 404, 21-25.	1.5	9
116	Effect of drought and ABA on growth, photosynthesis and antioxidant system of Cotinus coggygria seedlings under two different light conditions. Environmental and Experimental Botany, 2011, 71, 107-113.	4.2	77
117	Fine-scale spatial genetic structure of a liverwort (Barbilophozia attenuata) within a network of ant trails. Evolutionary Ecology, 2011, 25, 45-57.	1.2	21
118	DNA barcoding: a tool for improved taxon identification and detection of species diversity. Biodiversity and Conservation, 2011, 20, 373-389.	2.6	62
119	Nitrogen deposition limits photosynthetic response to elevated CO2 differentially in a dioecious species. Oecologia, 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 Hippophae rhamnoides. Trees - Structure and Function, 2011, 25, 1073-1082.	1.9	12
121	Genetic structure in fragmented populations of Hippophae rhamnoides ssp. sinensis in China investigated by ISSR and cpSSR markers. Plant Systematics and Evolution, 2011, 295, 97-107.	0.9	22
122	Molecular and morphological evidence for distinct species in Dumortiera (Dumortieraceae). Bryologist, 2011, 114, 102-115.	0.6	18
123	Isolation of polymorphic microsatellite markers and tests of crossâ€amplification in four widespread European calcicole ferns. American Journal of Botany, 2011, 98, e319-22.	1.7	3
124	Nitrogen nutrient status induces sexual differences in responses to cadmium in Populus yunnanensis. Journal of Experimental Botany, 2011, 62, 5037-5050.	4.8	128
125	Sex-related differences in morphological, physiological, and ultrastructural responses of Populus cathayana to chilling. Journal of Experimental Botany, 2011, 62, 675-686.	4.8	106
126	Hybridization and introgression in Carex aquatilis and C.Âpaleacea. Plant Systematics and Evolution, 2010, 287, 141-151.	0.9	9

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127	Physiological differences in Rhododendron calophytum seedlings regenerated in mineral soil or on fallen dead wood of different decaying stages. Plant and Soil, 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. Journal of Biotechnology, 2010, 145, 43-46.	3.8	7
129	Comparative physiological, ultrastructural and proteomic analyses reveal sexual differences in the responses of Populus cathayana under drought stress. Proteomics, 2010, 10, 2661-2677.	2.2	79
130	Inbreeding and inbreeding depression in a threatened endemic plant, the African violet (Saintpaulia) Tj ETQq0 0 0 rgBT /Overlock 10 T Ecology, 2010, 48, 576-587.	0.9	8
131	Sexâ€related adaptive responses to interaction of drought and salinity in Populus yunnanensis. Plant, Cell and Environment, 2010, 33, 1767-1778.	5.7	127
132	Sex-specific responses and tolerances of Populus cathayana to salinity. Physiologia Plantarum, 2010, 140, 163-173.	5.2	60
133	Can the sex-specific molecular marker ofDrepanocladus trifariusuncover gender in related species?. Journal of Bryology, 2010, 32, 305-308.	1.2	14
134	Changes in antioxidant enzyme activities and isozyme profiles in leaves of male and female Populus cathayana infected with Melampsora larici-populina. Tree Physiology, 2010, 30, 116-128.	3.1	76
135	Different growth sensitivity to enhanced UV-B radiation between male and female Populus cathayana. Tree Physiology, 2010, 30, 1489-1498.	3.1	71
136	Differences in growth and physiological traits of two poplars originating from different altitudes as affected by UV-B radiation and nutrient availability. Physiologia Plantarum, 2010, 138, 278-288.	5.2	11
137	Excess heterozygosity and scarce genetic differentiation in the populations of Phoenix dactylifera L.: human impact or ecological determinants. Plant Genetic Resources: Characterisation and Utilisation, 2009, 7, 95-104.	0.8	16
138	Biodiversity of date palms (Phoenix dactylifera L.) in Sudan: chemical, morphological and DNA polymorphisms of selected cultivars. Plant Genetic Resources: Characterisation and Utilisation, 2009, 7, 194-203.	0.8	42
139	Differences in growth and physiological traits of Populus cathayana populations as affected by enhanced UV-B radiation and exogenous ABA. Environmental and Experimental Botany, 2009, 66, 100-109.	4.2	21
140	Age-related nutrient content and carbon isotope composition in the leaves and branches of Quercus aquifolioides along an altitudinal gradient. Trees - Structure and Function, 2009, 23, 1109-1121.	1.9	43
141	Sexâ€related adaptive responses of Populus cathayana to photoperiod transitions. Plant, Cell and Environment, 2009, 32, 1401-1411.	5.7	76
142	Physiological and proteomic responses of two contrasting Populus cathayana populations to drought stress. Physiologia Plantarum, 2009, 136, 150-168.	5.2	149
143	Intraspecific variation in drought response of Populus cathayana grown under ambient and enhanced UV-B radiation. Annals of Forest Science, 2009, 66, 613-613.	2.0	24
144	Genetic variation of isolated Picea balfouriana populations from the southeast of the Qinghai-Tibet Plateau. Annals of Forest Science, 2009, 66, 607-607.	2.0	5

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145	Salt stress responses in Populus cathayana Rehder. Plant Science, 2009, 176, 669-677.	3.6	82
146	Microsatellite markers reveal high genetic diversity in date palm (Phoenix dactylifera L.) germplasm from Sudan. Genetica, 2008, 134, 251-260.	1.1	96
147	Effort to reconstruct past population history in the fern Blechnum spicant. Journal of Plant Research, 2008, 121, 293-298.	2.4	6
148	Molecular evidence shows that the moss Rhytidiadelphus subpinnatus (Hylocomiaceae) is clearly distinct from R. squarrosus. Molecular Phylogenetics and Evolution, 2008, 48, 372-376.	2.7	14
149	Morphotypes, varieties, or subspecies?: genetic diversity and differentiation of four Saintpaulia (Gesneriaceae) morphotypes from the East Usambara Mountains, Tanzania. Botanical Journal of the Linnean Society, 2008, 157, 347-355.	1.6	4
150	Interactions between drought, ABA application and supplemental UVâ€B in Populus yunnanensis. Physiologia Plantarum, 2008, 134, 257-269.	5.2	32
151	Sexâ€specific responses of Populus cathayana to drought and elevated temperatures. Plant, Cell and Environment, 2008, 31, 850-860.	5.7	177
152	Genie differentiation of Daphnia magna populations. Hereditas, 2008, 101, 209-216.	1.4	23
153	Competition between clones: An experimental study in a natural population of Daphnia magna. Hereditas, 2008, 105, 29-35.	1.4	16
154	Reproductive strategies of Daphnia magna genotypes. Hereditas, 2008, 106, 181-188.	1.4	13
155	Restricted gene flow in the clonal hepatic Trichocolea tomentella in fragmented landscapes. Biological Conservation, 2008, 141, 1204-1217.	4.1	24
156	Leaf photosynthesis of Betula albosinensis seedlings as affected by elevated CO2 and planting density. Forest Ecology and Management, 2008, 255, 1937-1944.	3.2	32
157	New Microsatellite Markers for Ulva Intestinalis (Chlorophyta) and The Transferability of Markers Across Species of Ulvaceae. Phycologia, 2008, 47, 580-587.	1.4	15
158	The First Sex-Specific Molecular Marker Discovered in the Moss Pseudocalliergon trifarium. Journal of Heredity, 2008, 99, 581-587.	2.4	49
159	Drought inhibits photosynthetic capacity more in females than in males of Populus cathayana. Tree Physiology, 2008, 28, 1751-1759.	3.1	96
160	Sex-related differences in leaf morphological and physiological responses in Hippophae rhamnoides along an altitudinal gradient. Tree Physiology, 2007, 27, 399-406.	3.1	128
161	Interactions between water deficit, ABA, and provenances in Picea asperata. Journal of Experimental Botany, 2007, 58, 3025-3036.	4.8	102
162	Genetic relationships among poplar species in section Tacamahaca (Populus L.) from western Sichuan, China. Plant Science, 2007, 172, 196-203.	3.6	15

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