

Jrgen Bauhus

List of Publications by Year in Descending Order

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

240
papers

12,475
citations

61
h-index

104
g-index

259
ext. papers

15,239
ext. citations

5
avg, IF

6.64
L-index

#	Paper	IF	Citations
240	Management alters drought-induced mortality patterns in European beech (<i>Fagus sylvatica</i> L.) forests.. <i>Plant Biology</i> , 2022 ,	3.7	3
239	Examination of aboveground attributes to predict belowground biomass of young trees. <i>Forest Ecology and Management</i> , 2022 , 505, 119942	3.9	0
238	Calibration of Near-Infrared Spectra for Phosphorus Fractions in Grassland Soils on the Tibetan Plateau. <i>Agronomy</i> , 2022 , 12, 783	3.6	0
237	Mutually inclusive mechanisms of drought-induced tree mortality.. <i>Global Change Biology</i> , 2022 ,	11.4	2
236	Synergies and trade-offs in ecosystem services from urban and peri-urban forests and their implication to sustainable city design and planning. <i>Sustainable Cities and Society</i> , 2022 , 82, 103903	10.1	0
235	Species richness stabilizes productivity via asynchrony and drought-tolerance diversity in a large-scale tree biodiversity experiment.. <i>Science Advances</i> , 2021 , 7, eabk1643	14.3	8
234	Groundwater extraction reduces tree vitality, growth and xylem hydraulic capacity in <i>Quercus robur</i> during and after drought events. <i>Scientific Reports</i> , 2021 , 11, 5149	4.9	5
233	Forest inventory-based assessments of the invasion risk of <i>Pseudotsuga menziesii</i> (Mirb.) Franco and <i>Quercus rubra</i> L. in Germany. <i>European Journal of Forest Research</i> , 2021 , 140, 883-899	2.7	5
232	Concerns about reported harvests in European forests. <i>Nature</i> , 2021 , 592, E15-E17	50.4	16
231	Tree diversity reduces the risk of bark beetle infestation for preferred conifer species, but increases the risk for less preferred hosts. <i>Journal of Ecology</i> , 2021 , 109, 2649-2661	6	4
230	Tree species mixing reduces biomass but increases length of absorptive fine roots in European forests. <i>Journal of Ecology</i> , 2021 , 109, 2678-2691	6	5
229	Changes in plant-herbivore network structure and robustness along land-use intensity gradients in grasslands and forests. <i>Science Advances</i> , 2021 , 7,	14.3	5
228	Growth resistance and resilience of mixed silver fir and Norway spruce forests in central Europe: Contrasting responses to mild and severe droughts. <i>Global Change Biology</i> , 2021 , 27, 4403-4419	11.4	10
227	Tree species mixing causes a shift in fine-root soil exploitation strategies across European forests. <i>Functional Ecology</i> , 2021 , 35, 1886-1902	5.6	4
226	Low root functional dispersion enhances functionality of plant growth by influencing bacterial activities in European forest soils. <i>Environmental Microbiology</i> , 2021 , 23, 1889-1906	5.2	8
225	Restoring native forests from <i>Pinus radiata</i> plantations: Effects of different harvesting treatments on the performance of planted seedlings of temperate tree species in central Chile. <i>Forest Ecology and Management</i> , 2021 , 479, 118585	3.9	4
224	Climate affects neighbour-induced changes in leaf chemical defences and tree diversity-herbivory relationships. <i>Functional Ecology</i> , 2021 , 35, 67-81	5.6	2

223	Fungal guilds and soil functionality respond to tree community traits rather than to tree diversity in European forests. <i>Molecular Ecology</i> , 2021 , 30, 572-591	5.7	12
222	Insights from regional and short-term biodiversity monitoring datasets are valuable: a reply to Daskalova et al. 2021. <i>Insect Conservation and Diversity</i> , 2021 , 14, 144-148	3.8	4
221	The Use of Tree-Related Microhabitats as Forest Biodiversity Indicators and to Guide Integrated Forest Management. <i>Current Forestry Reports</i> , 2021 , 7, 59-68	8	8
220	Revisiting the Functional Zoning Concept under Climate Change to Expand the Portfolio of Adaptation Options. <i>Forests</i> , 2021 , 12, 273	2.8	4
219	The significance of tree-tree interactions for forest ecosystem functioning. <i>Basic and Applied Ecology</i> , 2021 , 55, 33-52	3.2	8
218	Wild bees benefit from structural complexity enhancement in a forest restoration experiment. <i>Forest Ecology and Management</i> , 2021 , 496, 119412	3.9	2
217	A conceptual framework and experimental design for analysing the relationship between biodiversity and ecosystem functioning (BEF) in agroforestry systems. <i>Basic and Applied Ecology</i> , 2021 , 55, 133-151	3.2	2
216	Biodiversity response to forest management intensity, carbon stocks and net primary production in temperate montane forests. <i>Scientific Reports</i> , 2021 , 11, 1625	4.9	7
215	National Forest Inventories capture the multifunctionality of managed forests in Germany. <i>Forest Ecosystems</i> , 2021 , 8,	3.8	5
214	Site-specific risk assessment enables trade-off analysis of non-native tree species in European forests.. <i>Ecology and Evolution</i> , 2021 , 11, 18089-18110	2.8	0
213	Quantifying Growth Responses of Trees to Drought – Critique of Commonly Used Resilience Indices and Recommendations for Future Studies. <i>Current Forestry Reports</i> , 2020 , 6, 185-200	8	27
212	Evaluating the effectiveness of retention forestry to enhance biodiversity in production forests of Central Europe using an interdisciplinary, multi-scale approach. <i>Ecology and Evolution</i> , 2020 , 10, 1489-1509	2.8	27
211	What do tree-related microhabitats tell us about the abundance of forest-dwelling bats, birds, and insects?. <i>Journal of Environmental Management</i> , 2020 , 264, 110401	7.9	26
210	A multidisciplinary drought catalogue for southwestern Germany dating back to 1801. <i>Natural Hazards and Earth System Sciences</i> , 2020 , 20, 2979-2995	3.9	4
209	Photosynthetic performance, height growth, and dominance of naturally regenerated sessile oak (<i>Quercus petraea</i> [Mattuschka] Liebl.) seedlings in small-scale canopy openings of varying sizes. <i>European Journal of Forest Research</i> , 2020 , 139, 41-52	2.7	8
208	Risk is in the eye of the assessor: comparing risk assessments of four non-native tree species in Germany. <i>Forestry</i> , 2020 , 93, 519-534	2.2	11
207	Predicting Tree-Related Microhabitats by Multisensor Close-Range Remote Sensing Structural Parameters for the Selection of Retention Elements. <i>Remote Sensing</i> , 2020 , 12, 867	5	10
206	The benefits of tree wounds: Microhabitat development in urban trees as affected by intensive tree maintenance. <i>Urban Forestry and Urban Greening</i> , 2020 , 55, 126817	5.4	5

205	Seedling development and regeneration success after 10 years following group selection harvesting in a sessile oak (<i>Quercus petraea</i> [Mattuschka] Liebl.) stand. <i>Annals of Forest Science</i> , 2020 , 77, 1	3.1	2
204	Drivers of native species regeneration in the process of restoring natural forests from mono-specific, even-aged tree plantations: a quantitative review. <i>Restoration Ecology</i> , 2020 , 28, 1074-1086	3.1	8
203	On the knowns and unknowns of natural regeneration of silviculturally managed sessile oak (<i>Quercus petraea</i> (Matt.) Liebl.) forests – literature review. <i>Annals of Forest Science</i> , 2020 , 77, 1	3.1	10
202	Assessing Restoration Potential of Fragmented and Degraded Fagaceae Forests in Meghalaya, North-East India. <i>Forests</i> , 2020 , 11, 1008	2.8	3
201	Protection gaps and restoration opportunities for primary forests in Europe. <i>Diversity and Distributions</i> , 2020 , 26, 1646-1662	5	24
200	Tree-related microhabitats are similar in mountain forests of Europe and North America and their occurrence may be explained by tree functional groups. <i>Trees - Structure and Function</i> , 2020 , 34, 1453-1466	2.6	8
199	Retention of tree-related microhabitats is more dependent on selection of habitat trees than their spatial distribution. <i>European Journal of Forest Research</i> , 2020 , 139, 1015-1028	2.7	10
198	Retention as an integrated biodiversity conservation approach for continuous-cover forestry in Europe. <i>Ambio</i> , 2020 , 49, 85-97	6.5	51
197	Drivers of productivity and its temporal stability in a tropical tree diversity experiment. <i>Global Change Biology</i> , 2019 , 25, 4257-4272	11.4	46
196	Tree-species interactions increase light absorption and growth in Chinese subtropical mixed-species plantations. <i>Oecologia</i> , 2019 , 191, 421-432	2.9	15
195	The functional complex network approach to foster forest resilience to global changes. <i>Forest Ecosystems</i> , 2019 , 6,	3.8	86
194	The Potential of Liming to Improve Drought Tolerance of Norway Spruce [<i>(L.) Karst.</i>]. <i>Frontiers in Plant Science</i> , 2019 , 10, 382	6.2	4
193	Groundwater Extraction in Floodplain Forests Reduces Radial Growth and Increases Summer Drought Sensitivity of Pedunculate Oak Trees (<i>Quercus robur</i> L.). <i>Frontiers in Forests and Global Change</i> , 2019 , 2,	3.7	20
192	Distribution of phosphorus fractions with different plant availability in German forest soils and their relationship with common soil properties and foliar P contents. <i>Soil</i> , 2019 , 5, 189-204	5.8	10
191	Assessing the influence of harvesting intensities on structural diversity of forests in south-west Germany. <i>Forest Ecosystems</i> , 2019 , 6,	3.8	3
190	Carbon Pools in Forest Ecosystems of Australasia and Oceania 2019 , 51-70		2
189	Benefits of Mixtures on Growth Performance of Silver Fir (<i>Abies alba</i>) and European Beech (<i>Fagus sylvatica</i>) Increase With Tree Size Without Reducing Drought Tolerance. <i>Frontiers in Forests and Global Change</i> , 2019 , 2,	3.7	17
188	Arthropod decline in grasslands and forests is associated with landscape-level drivers. <i>Nature</i> , 2019 , 574, 671-674	50.4	372

187	Ectomycorrhizal and saprotrophic soil fungal biomass are driven by different factors and vary among broadleaf and coniferous temperate forests. <i>Soil Biology and Biochemistry</i> , 2019 , 131, 9-18	7.5	23
186	Wood decomposition is more strongly controlled by temperature than by tree species and decomposer diversity in highly species rich subtropical forests. <i>Oikos</i> , 2019 , 128, 701-715	4	15
185	Identifying the tree species compositions that maximize ecosystem functioning in European forests. <i>Journal of Applied Ecology</i> , 2019 , 56, 733-744	5.8	35
184	Specialisation and diversity of multiple trophic groups are promoted by different forest features. <i>Ecology Letters</i> , 2019 , 22, 170-180	10	49
183	Using tree rings to reconstruct changes in soil P availability [Results from forest fertilization trials. <i>Dendrochronologia</i> , 2019 , 54, 11-19	2.8	8
182	Diversification of forest management regimes secures tree microhabitats and bird abundance under climate change. <i>Science of the Total Environment</i> , 2019 , 650, 2717-2730	10.2	29
181	Predicting abundance and diversity of tree-related microhabitats in Central European montane forests from common forest attributes. <i>Forest Ecology and Management</i> , 2019 , 432, 400-408	3.9	43
180	Increasing N deposition impacts neither diversity nor functions of deadwood-inhabiting fungal communities, but adaptation and functional redundancy ensure ecosystem function. <i>Environmental Microbiology</i> , 2018 , 20, 1693-1710	5.2	15
179	Minor European broadleaved tree species are more drought-tolerant than <i>Fagus sylvatica</i> but not more tolerant than <i>Quercus petraea</i> . <i>Forest Ecology and Management</i> , 2018 , 414, 15-27	3.9	44
178	Stability of tree increment in relation to episodic drought in uneven-structured, mixed stands in southwestern Germany. <i>Forest Ecology and Management</i> , 2018 , 415-416, 148-159	3.9	14
177	A million and more trees for science. <i>Nature Ecology and Evolution</i> , 2018 , 2, 763-766	12.3	49
176	Disturbance intensity is a stronger driver of biomass recovery than remaining tree-community attributes in a managed Amazonian forest. <i>Journal of Applied Ecology</i> , 2018 , 55, 1647-1657	5.8	23
175	Seasonality matters [The effects of past and projected seasonal climate change on the growth of native and exotic conifer species in Central Europe. <i>Dendrochronologia</i> , 2018 , 48, 1-9	2.8	19
174	Know Your Neighbours: Drought Response of Norway Spruce, Silver Fir and Douglas Fir in Mixed Forests Depends on Species Identity and Diversity of Tree Neighbourhoods. <i>Ecosystems</i> , 2018 , 21, 1215-1229	3.9	30
173	Regional environmental conditions shape microbial community structure stronger than local forest management intensity. <i>Forest Ecology and Management</i> , 2018 , 409, 250-259	3.9	28
172	Community level lipid profiling of consumers as a tool for soil food web diagnostics. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 1265-1275	7.7	10
171	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
170	Tree species diversity does not compromise stem quality in major European forest types. <i>Forest Ecology and Management</i> , 2018 , 422, 323-337	3.9	17

169	Predictors of Microhabitat Frequency and Diversity in Mixed Mountain Forests in South-Western Germany. <i>Forests</i> , 2018 , 9, 104	2.8	17
168	Habitat properties are key drivers of <i>Borrelia burgdorferi</i> (s.l.) prevalence in <i>Ixodes ricinus</i> populations of deciduous forest fragments. <i>Parasites and Vectors</i> , 2018 , 11, 23	4	25
167	Nutrient retention and release in coarse woody debris of three important central European tree species and the use of NIRS to determine deadwood chemical properties. <i>Forest Ecosystems</i> , 2018 , 5,	3.8	10
166	Long-term development of natural regeneration in irregular, mixed stands of silver fir and Norway spruce. <i>Forest Ecology and Management</i> , 2018 , 430, 105-116	3.9	7
165	Continental mapping of forest ecosystem functions reveals a high but unrealised potential for forest multifunctionality. <i>Ecology Letters</i> , 2018 , 21, 31-42	10	47
164	Quantifying forest structural diversity based on large-scale inventory data: a new approach to support biodiversity monitoring. <i>Forest Ecosystems</i> , 2018 , 5,	3.8	31
163	Multiple forest attributes underpin the supply of multiple ecosystem services. <i>Nature Communications</i> , 2018 , 9, 4839	17.4	99
162	Determinants of Deadwood-Inhabiting Fungal Communities in Temperate Forests: Molecular Evidence From a Large Scale Deadwood Decomposition Experiment. <i>Frontiers in Microbiology</i> , 2018 , 9, 2120	5.7	25
161	Impacts of species richness on productivity in a large-scale subtropical forest experiment. <i>Science</i> , 2018 , 362, 80-83	33.3	220
160	Where are Europe's last primary forests?. <i>Diversity and Distributions</i> , 2018 , 24, 1426-1439	5	166
159	Wood decay rates of 13 temperate tree species in relation to wood properties, enzyme activities and organismic diversities. <i>Forest Ecology and Management</i> , 2017 , 391, 86-95	3.9	86
158	Geocentric alternatives to site index for modeling tree increment in uneven-aged mixed stands. <i>Forest Ecology and Management</i> , 2017 , 392, 1-12	3.9	17
157	On the combined effect of soil fertility and topography on tree growth in subtropical forest ecosystems—study from SE China. <i>Journal of Plant Ecology</i> , 2017 , 10, 111-127	1.7	68
156	Silver fir and Douglas fir are more tolerant to extreme droughts than Norway spruce in south-western Germany. <i>Global Change Biology</i> , 2017 , 23, 5108-5119	11.4	114
155	Mixed-Species Forests: The Development of a Forest Management Paradigm 2017 , 1-25		9
154	Perspectives for Future Research on Mixed-Species Systems 2017 , 579-606		3
153	From Observations to Evidence About Effects of Mixed-Species Stands 2017 , 27-71		10
152	Ecological Stability of Mixed-Species Forests 2017 , 337-382		34

151	Silvicultural Options for Mixed-Species Stands 2017 , 433-501		19
150	Recruitment, growth and recovery of commercial tree species over 30 years following logging and thinning in a tropical rain forest. <i>Forest Ecology and Management</i> , 2017 , 385, 225-235	3.9	43
149	Tree functional diversity influences belowground ecosystem functioning. <i>Applied Soil Ecology</i> , 2017 , 120, 160-168	5	16
148	Biodiversity and ecosystem functioning relations in European forests depend on environmental context. <i>Ecology Letters</i> , 2017 , 20, 1414-1426	10	149
147	Soil phosphorus supply controls P nutrition strategies of beech forest ecosystems in Central Europe. <i>Biogeochemistry</i> , 2017 , 136, 5-29	3.8	111
146	Toward a methodical framework for comprehensively assessing forest multifunctionality. <i>Ecology and Evolution</i> , 2017 , 7, 10652-10674	2.8	32
145	Tree Diversity Drives Forest Stand Resistance to Natural Disturbances. <i>Current Forestry Reports</i> , 2017 , 3, 223-243	8	151
144	Diversity and competition influence tree allometric relationships in developing functions for mixed-species forests. <i>Journal of Ecology</i> , 2017 , 105, 761-774	6	66
143	Lessons learned from oak cluster planting trials in central Europe. <i>Canadian Journal of Forest Research</i> , 2017 , 47, 139-148	1.9	30
142	Root system development in naturally regenerated Douglas-fir saplings as influenced by canopy closure and crowding. <i>Journal of Forest Science</i> , 2016 , 61, 406-415	0.9	0
141	Potential of forest thinning to mitigate drought stress: A meta-analysis. <i>Forest Ecology and Management</i> , 2016 , 380, 261-273	3.9	178
140	The relevance of different soil phosphorus fractions for short-term tree nutrition: results from a mesocosm bioassay. <i>Forestry</i> , 2016 ,	2.2	2
139	Dynamics of fungal community composition, decomposition and resulting deadwood properties in logs of <i>Fagus sylvatica</i> , <i>Picea abies</i> and <i>Pinus sylvestris</i> . <i>Forest Ecology and Management</i> , 2016 , 382, 129-142	3.9	31
138	Are correlations between deadwood fungal community structure, wood physico-chemical properties and lignin-modifying enzymes stable across different geographical regions?. <i>Fungal Ecology</i> , 2016 , 22, 98-105	4.1	31
137	Patterns of laccase and peroxidases in coarse woody debris of <i>Fagus sylvatica</i> , <i>Picea abies</i> and <i>Pinus sylvestris</i> and their relation to different wood parameters. <i>European Journal of Forest Research</i> , 2016 , 135, 109-124	2.7	16
136	A Review of Processes Behind Diversity-Productivity Relationships in Forests. <i>Current Forestry Reports</i> , 2016 , 2, 45-61	8	210
135	Biotic homogenization can decrease landscape-scale forest multifunctionality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 3557-62	11.5	134
134	Linking molecular deadwood-inhabiting fungal diversity and community dynamics to ecosystem functions and processes in Central European forests. <i>Fungal Diversity</i> , 2016 , 77, 367-379	17.6	82

133	Tree Species Richness Promotes Invertebrate Herbivory on Congeneric Native and Exotic Tree Saplings in a Young Diversity Experiment. <i>PLoS ONE</i> , 2016 , 11, e0168751	3.7	30
132	Oak Group Planting Produces a Higher Number of Future Crop Trees, with Better Spatial Distribution than Row Planting. <i>Forests</i> , 2016 , 7, 289	2.8	7
131	Effects of Drought and Rewetting on Growth and Gas Exchange of Minor European Broadleaved Tree Species. <i>Forests</i> , 2016 , 7, 239	2.8	17
130	Phosphorus in forest ecosystems: New insights from an ecosystem nutrition perspective. <i>Journal of Plant Nutrition and Soil Science</i> , 2016 , 179, 129-135	2.3	115
129	Independence of seasonal patterns of root functional traits and rooting strategy of a grass-clover sward from sward age and slurry application. <i>Grass and Forage Science</i> , 2016 , 71, 607-621	2.3	16
128	Heavy and frequent thinning promotes drought adaptation in <i>Pinus sylvestris</i> forests 2016 , 26, 2190-2205		57
127	Jack-of-all-trades effects drive biodiversity-ecosystem multifunctionality relationships in European forests. <i>Nature Communications</i> , 2016 , 7, 11109	17.4	120
126	Effects of management on aquatic tree-hole communities in temperate forests are mediated by detritus amount and water chemistry. <i>Journal of Animal Ecology</i> , 2016 , 85, 213-26	4.7	19
125	Structural diversity promotes productivity of mixed, uneven-aged forests in southwestern Germany. <i>Oecologia</i> , 2016 , 182, 319-33	2.9	130
124	Intra- and inter-specific differences in crown architecture in Chinese subtropical mixed-species forests. <i>Forest Ecology and Management</i> , 2015 , 353, 164-172	3.9	23
123	Is continuous-cover silviculture, as practised in Bavaria, suitable for use in wet eucalypt forests in Tasmania, Australia?. <i>Australian Forestry</i> , 2015 , 78, 29-44	2.1	1
122	Effect of Climate-Adapted Forest Management on Carbon Pools and Greenhouse Gas Emissions. <i>Current Forestry Reports</i> , 2015 , 1, 1-7	8	17
121	Modelling discoloration and duration of branch occlusion following green pruning in <i>Acer pseudoplatanus</i> and <i>Fraxinus excelsior</i> . <i>Forest Ecology and Management</i> , 2015 , 335, 87-98	3.9	15
120	A pyrosequencing insight into sprawling bacterial diversity and community dynamics in decaying deadwood logs of <i>Fagus sylvatica</i> and <i>Picea abies</i> . <i>Scientific Reports</i> , 2015 , 5, 9456	4.9	70
119	Drivers of CO2 Emission Rates from Dead Wood Logs of 13 Tree Species in the Initial Decomposition Phase. <i>Forests</i> , 2015 , 6, 2484-2504	2.8	31
118	Use of near-infrared spectroscopy to assess phosphorus fractions of different plant availability in forest soils. <i>Biogeosciences</i> , 2015 , 12, 3415-3428	4.6	33
117	Root system development in naturally regenerated Douglas-fir saplings as influenced by canopy closure. <i>Journal of Forest Science</i> , 2015 , 61, 406-415	0.9	3
116	Effects of different harvesting intensities on the macro nutrient pools in aged oak coppice forests. <i>Forest Ecology and Management</i> , 2015 , 349, 94-105	3.9	20

115	Silvicultural alternatives to conventional even-aged forest management - what limits global adoption?. <i>Forest Ecosystems</i> , 2015 , 2,	3.8	177
114	Decomposition dynamics of coarse woody debris of three important central European tree species. <i>Forest Ecosystems</i> , 2015 , 2,	3.8	41
113	Medium-term dynamics of tree species composition in response to silvicultural intervention intensities in a tropical rain forest. <i>Biological Conservation</i> , 2015 , 191, 577-586	6.2	39
112	Forest restoration with <i>Betula</i> ssp. and <i>Populus</i> ssp. nurse crops increases productivity and soil fertility. <i>Forest Ecology and Management</i> , 2015 , 339, 57-70	3.9	15
111	Changes within a single land-use category alter microbial diversity and community structure: molecular evidence from wood-inhabiting fungi in forest ecosystems. <i>Journal of Environmental Management</i> , 2014 , 139, 109-19	7.9	53
110	Unthinned slow-growing ponderosa pine (<i>Pinus ponderosa</i>) trees contain muted isotopic signals in tree rings as compared to thinned trees. <i>Trees - Structure and Function</i> , 2014 , 28, 1035-1051	2.6	18
109	The importance of seed trees in the dioecious conifer <i>Pilgerodendron uviferum</i> for passive restoration of fire disturbed southern bog forests. <i>Austral Ecology</i> , 2014 , 39, 204-213	1.5	13
108	Predicting Tree Species Origin of Soil Organic Carbon with Near-Infrared Reflectance Spectroscopy. <i>Soil Science Society of America Journal</i> , 2014 , 78, S23-S34	2.5	3
107	Network analysis reveals ecological links between N-fixing bacteria and wood-decaying fungi. <i>PLoS ONE</i> , 2014 , 9, e88141	3.7	82
106	Suitability of close-to-nature silviculture for adapting temperate European forests to climate change. <i>Forestry</i> , 2014 , 87, 492-503	2.2	199
105	Designing forest biodiversity experiments: general considerations illustrated by a new large experiment in subtropical China. <i>Methods in Ecology and Evolution</i> , 2014 , 5, 74-89	7.7	179
104	Criteria to evaluate the conservation value of strictly protected forest reserves in Central Europe. <i>Biodiversity and Conservation</i> , 2014 , 23, 3519-3542	3.4	17
103	A comparative study of physiological and morphological seedling traits associated with shade tolerance in introduced red oak (<i>Quercus rubra</i>) and native hardwood tree species in southwestern Germany. <i>Tree Physiology</i> , 2014 , 34, 184-93	4.2	23
102	Comparing fungal richness and community composition in coarse woody debris in Central European beech forests under three types of management. <i>Mycological Progress</i> , 2014 , 13, 959-964	1.9	24
101	Intra- and interspecific competition differently influence growth and stem quality of young oaks (<i>Quercus robur</i> L. and <i>Quercus petraea</i> (Mattuschka) Liebl.). <i>Annals of Forest Science</i> , 2014 , 71, 381-393	3.1	31
100	Growth, regeneration and shade tolerance of the Wild Service Tree (<i>Sorbus torminalis</i> (L.) Crantz) in aged oak coppice forests. <i>Trees - Structure and Function</i> , 2013 , 27, 1609-1619	2.6	16
99	Crown structure and vertical foliage distribution in 4-year-old plantation-grown <i>Eucalyptus pilularis</i> and <i>Eucalyptus cloeziana</i> . <i>Trees - Structure and Function</i> , 2013 , 27, 555-566	2.6	10
98	Establishment success in a forest biodiversity and ecosystem functioning experiment in subtropical China (BEF-China). <i>European Journal of Forest Research</i> , 2013 , 132, 593-606	2.7	99

97	Complementarity in mixed-species stands of <i>Abies alba</i> and <i>Picea abies</i> varies with climate, site quality and stand density. <i>Forest Ecology and Management</i> , 2013 , 304, 233-242	3.9	109
96	Regeneration dynamics of non-native northern red oak (<i>Quercus rubra</i> L.) populations as influenced by environmental factors: A case study in managed hardwood forests of southwestern Germany. <i>Forest Ecology and Management</i> , 2013 , 291, 144-153	3.9	56
95	Storm damage of Douglas-fir unexpectedly high compared to Norway spruce. <i>Annals of Forest Science</i> , 2013 , 70, 195-207	3.1	32
94	Mitigation of drought by thinning: Short-term and long-term effects on growth and physiological performance of Norway spruce (<i>Picea abies</i>). <i>Forest Ecology and Management</i> , 2013 , 308, 188-197	3.9	101
93	A novel comparative research platform designed to determine the functional significance of tree species diversity in European forests. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2013 , 15, 281-291	3	143
92	The effect of harvesting on stump mortality and re-sprouting in aged oak coppice forests. <i>Forest Ecology and Management</i> , 2013 , 289, 18-27	3.9	27
91	Many ways to die: Partitioning tree mortality dynamics in a near-natural mixed deciduous forest. <i>Journal of Ecology</i> , 2013 , 101, 220-230	6	90
90	Soil Organic Carbon is Increased in Mixed-Species Plantations of Eucalyptus and Nitrogen-Fixing Acacia. <i>Ecosystems</i> , 2013 , 16, 123-132	3.9	62
89	Growth and form of <i>Quercus robur</i> and <i>Fraxinus excelsior</i> respond distinctly different to initial growing space: results from 24-year-old Nelder experiments. <i>Journal of Forestry Research</i> , 2013 , 24, 1-14 ²		34
88	Effects of moisture, temperature and decomposition stage on respirational carbon loss from coarse woody debris (CWD) of important European tree species. <i>Scandinavian Journal of Forest Research</i> , 2013 , 28, 346-357	1.7	53
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