

Hans Pretzsch

List of Publications by Year in descending order

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Version: 2024-02-01

343
papers

16,897
citations

14655

66
h-index

24258

110
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docs citations

371
times ranked

9867
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards sustainable management of the stock and ecosystem services of urban trees. From theory to model and application. <i>Trees - Structure and Function</i> , 2023, 37, 177-196.	1.9	14
2	Fertilization modifies forest stand growth but not stand density: consequences for modelling stand dynamics in a changing climate. <i>Forestry</i> , 2022, 95, 187-200.	2.3	2
3	Tracking the temporal dynamics of insect defoliation by high-resolution radar satellite data. <i>Methods in Ecology and Evolution</i> , 2022, 13, 121-132.	5.2	15
4	Mixing degree, stand density, and water supply can increase the overyielding of mixed versus monospecific stands in Central Europe. <i>Forest Ecology and Management</i> , 2022, 503, 119741.	3.2	13
5	Temperature effect on size distributions in spruce-fir-beech mixed stands across Europe. <i>Forest Ecology and Management</i> , 2022, 504, 119819.	3.2	6
6	Facilitation and competition reduction in tree species mixtures in Central Europe: Consequences for growth modeling and forest management. <i>Ecological Modelling</i> , 2022, 464, 109812.	2.5	24
7	Assessment of Indicators for Climate Smart Management in Mountain Forests. <i>Managing Forest Ecosystems</i> , 2022, , 59-105.	0.9	2
8	Changes of Tree and Stand Growth: Review and Implications. <i>Managing Forest Ecosystems</i> , 2022, , 189-222.	0.9	6
9	Climate-Smart Silviculture in Mountain Regions. <i>Managing Forest Ecosystems</i> , 2022, , 263-315.	0.9	3
10	Efficacy of Trans-geographic Observational Network Design for Revelation of Growth Pattern in Mountain Forests Across Europe. <i>Managing Forest Ecosystems</i> , 2022, , 141-187.	0.9	4
11	Modelling Future Growth of Mountain Forests Under Changing Environments. <i>Managing Forest Ecosystems</i> , 2022, , 223-262.	0.9	8
12	The emergent past: past natural and human disturbances of trees can reduce their present resistance to drought stress. <i>European Journal of Forest Research</i> , 2022, 141, 87-104.	2.5	9
13	Spatial and temporal changes of outdoor thermal stress: influence of urban land cover types. <i>Scientific Reports</i> , 2022, 12, 671.	3.3	36
14	The number of tree species on Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	86
15	Assessment of defoliation and subsequent growth losses caused by <i>Lymantria dispar</i> using terrestrial laser scanning (TLS). <i>Trees - Structure and Function</i> , 2022, 36, 819-834.	1.9	6
16	The Past Matters: Previous Management Strategies Modulate Current Growth and Drought Responses of Norway Spruce (<i>Picea abies</i> H. Karst.). <i>Forests</i> , 2022, 13, 243.	2.1	12
17	Linking crown structure with tree ring pattern: methodological considerations and proof of concept. <i>Trees - Structure and Function</i> , 2022, 36, 1349-1367.	1.9	6
18	The distribution of carbon stocks between tree woody biomass and soil differs between Scots pine and broadleaved species (beech, oak) in European forests. <i>European Journal of Forest Research</i> , 2022, 141, 467-480.	2.5	5

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19	Effects of Climate and Drought on Stem Diameter Growth of Urban Tree Species. <i>Forests</i> , 2022, 13, 641.	2.1	8
20	Crown Shapes of Urban Trees-Their Dependences on Tree Species, Tree Age and Local Environment, and Effects on Ecosystem Services. <i>Forests</i> , 2022, 13, 748.	2.1	12
21	Long-Term Productivity of Monospecific and Mixed Oak (<i>Quercus petraea</i> [Matt.] Liebl. and <i>Quercus</i>) Tj ETQq1 1 0.784314 rgBT /Ove 724.	2.1	3
22	Tracing drought effects from the tree to the stand growth in temperate and Mediterranean forests: insights and consequences for forest ecology and management. <i>European Journal of Forest Research</i> , 2022, 141, 727-751.	2.5	15
23	Crown allometry and growing space requirements of four rare domestic tree species compared to oak and beech: implications for adaptive forest management. <i>European Journal of Forest Research</i> , 2022, 141, 587-604.	2.5	4
24	The Impact of Climate and Adaptative Forest Management on the Intra-Annual Growth of <i>Pinus halepensis</i> Based on Long-Term Dendrometer Recordings. <i>Forests</i> , 2022, 13, 935.	2.1	5
25	Regional climate moderately influences species-mixing effect on tree growth-climate relationships and drought resistance for beech and pine across Europe. <i>Forest Ecology and Management</i> , 2022, 520, 120317.	3.2	4
26	With increasing site quality asymmetric competition and mortality reduces Scots pine (<i>Pinus</i>) Tj ETQq0 0 0 rgBT /Ove lock 10 Tf 50 462	3.2	11
27	Legacy effects of past thinnings modulate drought stress reactions at present. <i>Scandinavian Journal of Forest Research</i> , 2022, 37, 182-199.	1.4	4
28	Timber tensile strength in mixed stands of European beech (<i>Fagus sylvatica</i> ÂL.). <i>Wood Science and Technology</i> , 2022, 56, 1239-1259.	3.2	3
29	Sustainable management of urban tree stocks based on multi-criteria scenario modelling. <i>Urban Forestry and Urban Greening</i> , 2022, 74, 127666.	5.3	3
30	Tree growth at gap edges. Insights from long term research plots in mixed mountain forests. <i>Forest Ecology and Management</i> , 2022, 520, 120383.	3.2	1
31	Species stratification and weather conditions drive tree growth in Scots pine and Norway spruce mixed stands along Europe. <i>Forest Ecology and Management</i> , 2021, 481, 118697.	3.2	15
32	Short-term reaction of European beech stem taper due to weather extremes. <i>Forest Ecology and Management</i> , 2021, 480, 118653.	3.2	6
33	European beech stem diameter grows better in mixed than in mono-specific stands at the edge of its distribution in mountain forests. <i>European Journal of Forest Research</i> , 2021, 140, 127-145.	2.5	23
34	Effects of elevation-dependent climate warming on intra- and inter-specific growth synchrony in mixed mountain forests. <i>Forest Ecology and Management</i> , 2021, 479, 118587.	3.2	15
35	Height growth-related competitiveness of oak (<i>Quercus petraea</i> (Matt.) Liebl. and <i>Quercus robur</i> L.) under climate change in Central Europe. Is silvicultural assistance still required in mixed-species stands?. <i>Forest Ecology and Management</i> , 2021, 482, 118780.	3.2	14
36	Mixing has limited impacts on the foliar nutrition of European beech and Scots pine trees across Europe. <i>Forest Ecology and Management</i> , 2021, 479, 118551.	3.2	4

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37	Tree species identity drives soil organic carbon storage more than species mixing in major two-species mixtures (pine, oak, beech) in Europe. <i>Forest Ecology and Management</i> , 2021, 481, 118752.	3.2	20
38	Mixing effects on Scots pine (<i>Pinus sylvestris</i> L.) and Norway spruce (<i>Picea abies</i> (L.) Karst.) productivity along a climatic gradient across Europe. <i>Forest Ecology and Management</i> , 2021, 482, 118834.	3.2	23
39	Utilising forest inventory data for biodiversity assessment. <i>Ecological Indicators</i> , 2021, 121, 107196.	6.3	18
40	The greater resilience of mixed forests to drought mainly depends on their composition: Analysis along a climate gradient across Europe. <i>Forest Ecology and Management</i> , 2021, 481, 118687.	3.2	104
41	Analyzing the effect of silvicultural management on the trade-off between stand structural heterogeneity and productivity over time. <i>European Journal of Forest Research</i> , 2021, 140, 615-634.	2.5	5
42	The social drift of trees. Consequence for growth trend detection, stand dynamics, and silviculture. <i>European Journal of Forest Research</i> , 2021, 140, 703-719.	2.5	14
43	Simulating the effects of thinning and species mixing on stands of oak (<i>Quercus petraea</i> (Matt.) Tj ETQq1 1 0.784314 rgBT /Overlock 1109406.	2.5	6
44	Tree growth as affected by stem and crown structure. <i>Trees - Structure and Function</i> , 2021, 35, 947-960.	1.9	22
45	Do trees have constant branch divergence angles?. <i>Journal of Theoretical Biology</i> , 2021, 512, 110567.	1.7	1
46	The Kroof experiment: realization and efficacy of a recurrent drought experiment plus recovery in a beech/spruce forest. <i>Ecosphere</i> , 2021, 12, e03399.	2.2	39
47	Growthâ€‘density relationship in mixed stands â€‘ Results from long-term experimental plots. <i>Forest Ecology and Management</i> , 2021, 483, 118909.	3.2	15
48	Local 3D fibre orientation for tensile strength prediction of European beech timber. <i>Construction and Building Materials</i> , 2021, 279, 122527.	7.2	13
49	Simulating conversion of even-aged Norway spruce into uneven-aged mixed forest: effects of different scenarios on production, economy and heterogeneity. <i>European Journal of Forest Research</i> , 2021, 140, 1005-1027.	2.5	13
50	Trees grow modulated by the ecological memory of their past growth. Consequences for monitoring, modelling, and silvicultural treatment. <i>Forest Ecology and Management</i> , 2021, 487, 118982.	3.2	21
51	Silvicultural prescriptions for mixed-species forest stands. A European review and perspective. <i>European Journal of Forest Research</i> , 2021, 140, 1267-1294.	2.5	16
52	Modelling the Spatial Structure of White Spruce Plantations and Their Changes after Various Thinning Treatments. <i>Forests</i> , 2021, 12, 740.	2.1	4
53	The cost of risk management and multifunctionality in forestry: a simulation approach for a case study area in Southeast Germany. <i>European Journal of Forest Research</i> , 2021, 140, 1127-1146.	2.5	9
54	Crown structure of European beech (<i>Fagus sylvatica</i>): a noncausal proxy for mechanicalâ€‘physical wood properties. <i>Canadian Journal of Forest Research</i> , 2021, 51, 834-841.	1.7	6

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55	Tree species mixing can increase stand productivity, density and growth efficiency and attenuate the trade-off between density and growth throughout the whole rotation. <i>Annals of Botany</i> , 2021, 128, 767-786.	2.9	22
56	How drought stress becomes visible upon detecting tree shape using terrestrial laser scanning (TLS). <i>Forest Ecology and Management</i> , 2021, 489, 118975.	3.2	30
57	Stand density biases the estimation of the site index especially on dry sites. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1050-1064.	1.7	9
58	From Acid Rain to Low Precipitation: The Role Reversal of Norway Spruce, Silver Fir, and European Beech in a Selection Mountain Forest and Its Implications for Forest Management. <i>Forests</i> , 2021, 12, 894.	2.1	5
59	Urban Tree Growth Characteristics of Four Common Species in South Germany. <i>Arboriculture and Urban Forestry</i> , 2021, 47, 150-169.	0.6	6
60	Comparative analysis of shade and underlying surfaces on cooling effect. <i>Urban Forestry and Urban Greening</i> , 2021, 63, 127223.	5.3	23
61	Genetic diversity reduces competition and increases tree growth on a Norway spruce (<i>Picea abies</i> [L.] Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf	3.2	8
62	Urban tree growth and ecosystem services under extreme drought. <i>Agricultural and Forest Meteorology</i> , 2021, 308-309, 108532.	4.8	18
63	Short- and long-term growth response to climate in mixed and monospecific forests of <i>Pinus pinea</i> and <i>Pinus pinaster</i> . <i>European Journal of Forest Research</i> , 2021, 140, 387-402.	2.5	9
64	Relative impacts of gypsy moth outbreaks and insecticide treatments on forest resources and ecosystems: An experimental approach. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12045.	2.0	13
65	Scots pine's capacity to adapt to climate change in hemi-boreal forests in relation to dominating tree increment and site condition. <i>IForest</i> , 2021, 14, 473-482.	1.4	4
66	A fuzzy logic-based approach for evaluating forest ecosystem service provision and biodiversity applied to a case study landscape in Southern Germany. <i>European Journal of Forest Research</i> , 2021, 140, 1559-1586.	2.5	6
67	Accounting for forest management in the estimation of forest carbon balance using the dynamic vegetation model LPJ-GUESS (v4.0, r9710): implementation and evaluation of simulations for Europe. <i>Geoscientific Model Development</i> , 2021, 14, 6071-6112.	3.6	17
68	Stand growth and structure of mixed-species and monospecific stands of Scots pine (<i>Pinus sylvestris</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Europe. <i>European Journal of Forest Research</i> , 2020, 139, 349-367.	2.5	59
69	Contrasting patterns of tree species mixture effects on wood $\delta^{13}C$ along an environmental gradient. <i>European Journal of Forest Research</i> , 2020, 139, 229-245.	2.5	7
70	Analysis of stand density effects on the stem form of Norway spruce trees and volume miscalculation by traditional form factor equations using terrestrial laser scanning (TLS). <i>Canadian Journal of Forest Research</i> , 2020, 50, 51-64.	1.7	24
71	Traits of trees for cooling urban heat islands: A meta-analysis. <i>Building and Environment</i> , 2020, 170, 106606.	6.9	165
72	Density regulation of mixed and mono-specific forest stands as a continuum: a new concept based on species-specific coefficients for density equivalence and density modification. <i>Forestry</i> , 2020, 93, 1-15.	2.3	19

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73	Importance of tree species size dominance and heterogeneity on the productivity of spruce-fir-beech mountain forest stands in Europe. <i>Forest Ecology and Management</i> , 2020, 457, 117716.	3.2	31
74	The course of tree growth. Theory and reality. <i>Forest Ecology and Management</i> , 2020, 478, 118508.	3.2	38
75	Modelling Urban Tree Growth and Ecosystem Services: Review and Perspectives. <i>Progress in Botany Fortschritte Der Botanik</i> , 2020, , 405-464.	0.3	11
76	Forest Biodiversity, Carbon Sequestration, and Wood Production: Modeling Synergies and Trade-Offs for Ten Forest Landscapes Across Europe. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	36
77	Late-spring frost risk between 1959 and 2017 decreased in North America but increased in Europe and Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12192-12200.	7.1	140
78	What is Climate-Smart Forestry? A definition from a multinational collaborative process focused on mountain regions of Europe. <i>Ecosystem Services</i> , 2020, 43, 101113.	5.4	100
79	Implications of Reduced Stand Density on Tree Growth and Drought Susceptibility: A Study of Three Species under Varying Climate. <i>Forests</i> , 2020, 11, 627.	2.1	27
80	Drought Resistance of Norway Spruce (<i>Picea abies</i> [L.] Karst) and European Beech (<i>Fagus sylvatica</i> [L.]) in Mixed vs. Monospecific Stands and on Dry vs. Wet Sites. From Evidence at the Tree Level to Relevance at the Stand Level. <i>Forests</i> , 2020, 11, 639.	2.1	12
81	Evidence of elevation-specific growth changes of spruce, fir, and beech in European mixed mountain forests during the last three centuries. <i>Canadian Journal of Forest Research</i> , 2020, 50, 689-703.	1.7	35
82	Development of Fine Root Biomass of Two Contrasting Urban Tree Cultivars in Response to Drought Stress. <i>Forests</i> , 2020, 11, 108.	2.1	11
83	Multifunctionality of Forests: A White Paper on Challenges and Opportunities in China and Germany. <i>Forests</i> , 2020, 11, 266.	2.1	28
84	Impact of spacing and pruning on quantity, quality and economics of Douglas-fir sawn timber: scenario and sensitivity analysis. <i>European Journal of Forest Research</i> , 2020, 139, 747-758.	2.5	9
85	Half a century of Scots pine forest ecosystem monitoring reveals long-term effects of atmospheric deposition and climate change. <i>Global Change Biology</i> , 2020, 26, 5796-5815.	9.5	30
86	Species mixing reduces drought susceptibility of Scots pine (<i>Pinus sylvestris</i> L.) and oak (<i>Quercus</i>) <i>Forest Ecology and Management</i> , 2020, 461, 117908.	3.2	65
87	Density and growth of forest stands revisited. Effect of the temporal scale of observation, site quality, and thinning. <i>Forest Ecology and Management</i> , 2020, 460, 117879.	3.2	42
88	Impact of species mixture on the stiffness of European beech (<i>Fagus sylvatica</i> L.) sawn timber. <i>Forest Ecology and Management</i> , 2020, 461, 117935.	3.2	13
89	Assessing transformation scenarios from pure Norway spruce to mixed uneven-aged forests in mountain areas. <i>European Journal of Forest Research</i> , 2020, 139, 567-584.	2.5	34
90	European beech log and lumber grading in wet and dry conditions using longitudinal vibration. <i>Holzforschung</i> , 2020, 74, 939-947.	1.9	15

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91	Tree cooling effects and human thermal comfort under contrasting species and sites. <i>Agricultural and Forest Meteorology</i> , 2020, 287, 107947.	4.8	83
92	Growth and mortality of Norway spruce and European beech in monospecific and mixed-species stands under natural episodic and experimentally extended drought. Results of the KROOF throughfall exclusion experiment. <i>Trees - Structure and Function</i> , 2020, 34, 957-970.	1.9	80
93	Oak often needs to be promoted in mixed beech-oak stands - the structural processes behind competition and silvicultural management in mixed stands of European beech and sessile oak. <i>IForest</i> , 2020, 13, 80-88.	1.4	15
94	The PROFOUND Database for evaluating vegetation models and simulating climate impacts on European forests. <i>Earth System Science Data</i> , 2020, 12, 1295-1320.	9.9	33
95	Growth and Tree Water Deficit of Mixed Norway Spruce and European Beech at Different Heights in a Tree and under Heavy Drought. <i>Forests</i> , 2019, 10, 577.	2.1	25
96	Growth of <i>Abies sachalinensis</i> Along an Urban Gradient Affected by Environmental Pollution in Sapporo, Japan. <i>Forests</i> , 2019, 10, 707.	2.1	7
97	The productivity of mixed mountain forests comprised of <i>Fagus sylvatica</i> , <i>Picea abies</i> , and <i>Abies alba</i> across Europe. <i>Forestry</i> , 2019, 92, 512-522.	2.3	46
98	How Do <i>Tilia cordata</i> Greenspire Trees Cope with Drought Stress Regarding Their Biomass Allocation and Ecosystem Services?. <i>Forests</i> , 2019, 10, 676.	2.1	20
99	The Effect of Tree Crown Allometry on Community Dynamics in Mixed-Species Stands versus Monocultures. A Review and Perspectives for Modeling and Silvicultural Regulation. <i>Forests</i> , 2019, 10, 810.	2.1	50
100	Ecosystem service trade-offs for adaptive forest management. <i>Ecosystem Services</i> , 2019, 39, 100993.	5.4	61
101	Process based simulation of tree growth and ecosystem services of urban trees under present and future climate conditions. <i>Science of the Total Environment</i> , 2019, 676, 651-664.	8.0	65
102	<i>Robinia pseudoacacia</i> L. in Short Rotation Coppice: Seed and Stump Shoot Reproduction as well as UAS-based Spreading Analysis. <i>Forests</i> , 2019, 10, 235.	2.1	14
103	Transgressive overyielding in mixed compared with monospecific Scots pine (<i>Pinus sylvestris</i> L.) and oak (<i>Quercus robur</i> L., <i>Quercus petraea</i> (Matt.) Liebl.) stands – Productivity gains increase with annual water supply. <i>Forest Ecology and Management</i> , 2019, 439, 81-96.	3.2	33
104	Maintenance of long-term experiments for unique insights into forest growth dynamics and trends: review and perspectives. <i>European Journal of Forest Research</i> , 2019, 138, 165-185.	2.5	68
105	Effects of Drought on the Phenology, Growth, and Morphological Development of Three Urban Tree Species and Cultivars. <i>Sustainability</i> , 2019, 11, 5117.	3.2	19
106	Effect of forest structure on stand productivity in Central European forests depends on developmental stage and tree species diversity. <i>Forest Ecology and Management</i> , 2019, 434, 193-204.	3.2	53
107	Growth patterns and effects of urban micro-climate on two physiologically contrasting urban tree species. <i>Landscape and Urban Planning</i> , 2019, 183, 88-99.	7.5	43
108	Modelling approaches for mixed forests dynamics prognosis. Research gaps and opportunities. <i>Forest Systems</i> , 2019, 28, eR002.	0.3	29

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109	Assessing site productivity based on national forest inventory data and its dependence on site conditions for spruce dominated forests in Germany. Forest Systems, 2019, 28, e007.	0.3	3
110	Bestandsstruktur. Quantifizierung und Analyse. , 2019, , 199-252.		0
111	Bestandsentwicklung. Abstrahiert ¼ber Bestandessummen- und Mittelwerte. , 2019, , 291-371.		0
112	Evaluierung und Anwendung von Bestandsmodellen. , 2019, , 525-569.		0
113	Schätzung der Produktivität von Waldbeständen. , 2019, , 431-464.		0
114	Diagnose von Wachstumsstörungen. , 2019, , 571-627.		0
115	Baumwachstum, Umweltbedingungen und Nachbarschaft. , 2019, , 121-197.		0
116	Wissen schaffen und in die Praxis transferieren. , 2019, , 629-651.		0
117	Der Wald und sein Wachstum. Einführung. , 2019, , 1-36.		1
118	Waldbauliche Regelung der Bestandsentwicklung. Konzepte, Maßnahmen und ihre quantitative Formulierung. , 2019, , 373-429.		0
119	Gestalt von Bäumen. , 2019, , 37-119.		0
120	Evolution der Größenverteilung der Bäume in Waldbeständen. , 2019, , 253-290.		0
121	Modelle für die Baum- und Bestandsentwicklung. , 2019, , 465-524.		0
122	Daily stem water deficit of Norway spruce and European beech in intra- and interspecific neighborhood under heavy drought. Scandinavian Journal of Forest Research, 2018, 33, 568-582.	1.4	8
123	Positive biodiversity-productivity relationships in forests: climate matters. Biology Letters, 2018, 14, 20170747.	2.3	133
124	What Characteristics of Soil Fertility Can Improve in Mixed Stands of Scots Pine and European Beech Compared with Monospecific Stands?. Communications in Soil Science and Plant Analysis, 2018, 49, 237-247.	1.4	22
125	Height - Diameter allometry in South Africa's indigenous high forests: Assessing generic models performance and function forms. Forest Ecology and Management, 2018, 410, 1-11.	3.2	55
126	Drought can favour the growth of small in relation to tall trees in mature stands of Norway spruce and European beech. Forest Ecosystems, 2018, 5, .	3.1	63

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127	Maximum stand density strongly depends on species-specific wood stability, shade and drought tolerance. <i>Forestry</i> , 2018, 91, 459-469.	2.3	24
128	Effects of crown architecture and stand structure on light absorption in mixed and monospecific <i>Fagus sylvatica</i> and <i>Pinus sylvestris</i> forests along a productivity and climate gradient through Europe. <i>Journal of Ecology</i> , 2018, 106, 746-760.	4.0	125
129	Urban climate modifies tree growth in Berlin. <i>International Journal of Biometeorology</i> , 2018, 62, 795-808.	3.0	23
130	Species Mixing Regulation with Respect to Forest Ecosystem Service Provision. <i>Forests</i> , 2018, 9, 632.	2.1	18
131	Effects of the urban heat island and climate change on the growth of <i>Khaya senegalensis</i> in Hanoi, Vietnam. <i>Forest Ecosystems</i> , 2018, 5, .	3.1	16
132	Forestry projections for species diversity-oriented management: an example from Central Europe. <i>Ecological Processes</i> , 2018, 7, .	3.9	5
133	Models for Mixed Forests. <i>Managing Forest Ecosystems</i> , 2018, , 343-380.	0.9	5
134	Modeling Ecosystem Services for Park Trees: Sensitivity of i-Tree Eco Simulations to Light Exposure and Tree Species Classification. <i>Forests</i> , 2018, 9, 89.	2.1	36
135	Growth and Structure in Mixed-Species Stands Compared with Monocultures: Review and Perspectives. <i>Managing Forest Ecosystems</i> , 2018, , 131-183.	0.9	7
136	Characterization of Mixed Forests. <i>Managing Forest Ecosystems</i> , 2018, , 27-71.	0.9	12
137	Structural response of black locust (<i>Robinia pseudoacacia</i> L.) and small-leaved lime (<i>Tilia cordata</i>) to ecological functions and services. <i>Urban Forestry and Urban Greening</i> , 2018, 35, 129-138.	5.3	16
138	Estimation and Uncertainty of the Mixing Effects on Scots Pine and European Beech Productivity from National Forest Inventories Data. <i>Forests</i> , 2018, 9, 518.	2.1	15
139	Groundwater recharge algorithm for forest management models. <i>Ecological Modelling</i> , 2018, 385, 154-164.	2.5	8
140	Impact of Climate Trends and Drought Events on the Growth of Oaks (<i>Quercus robur</i> L. and <i>Quercus</i>)	2.1	34
141	An Inventory-Based Regeneration Biomass Model to Initialize Landscape Scale Simulation Scenarios. <i>Forests</i> , 2018, 9, 212.	2.1	6
142	Biodiversity along temperate forest succession. <i>Journal of Applied Ecology</i> , 2018, 55, 2756-2766.	4.0	175
143	Growth recovery of mature Norway spruce and European beech from chronic O ₃ stress. <i>European Journal of Forest Research</i> , 2018, 137, 251-263.	2.5	9
144	Static site indices from different national forest inventories: harmonization and prediction from site conditions. <i>Annals of Forest Science</i> , 2018, 75, 1.	2.0	29

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145	Tree species richness enhances stand productivity while stand structure can have opposite effects, based on forest inventory data from Germany and the United States of America. <i>Forest Ecosystems</i> , 2018, 5, .	3.1	36
146	Over- and Underyielding in Time and Space in Experiments with Mixed Stands of Scots Pine and Norway Spruce. <i>Forests</i> , 2018, 9, 495.	2.1	23
147	Wood density reduced while wood volume growth accelerated in Central European forests since 1870. <i>Forest Ecology and Management</i> , 2018, 429, 589-616.	3.2	89
148	Key drivers of competition and growth partitioning among <i>Robinia pseudoacacia</i> L. trees. <i>Forest Ecology and Management</i> , 2018, 430, 86-93.	3.2	28
149	Mixed Forestsâ€™ Future. <i>Managing Forest Ecosystems</i> , 2018, , 397-412.	0.9	2
150	Data Platforms for Mixed Forest Research: Contributions from the EuMIXFOR Network. <i>Managing Forest Ecosystems</i> , 2018, , 73-101.	0.9	6
151	Silviculture of Mixed Forests: A European Overview of Current Practices and Challenges. <i>Managing Forest Ecosystems</i> , 2018, , 185-253.	0.9	11
152	Effects of climate trends and drought events on urban tree growth in Santiago de Chile. , 2018, 45, 35-50.		12
153	Species proportions by area in mixtures of Scots pine (<i>Pinus sylvestris</i> L.) and European beech (<i>Fagus</i>) Tj ETQq1 1 0,784314 rgBT /Ove	2.5	29
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