Timo Pukkala

List of Publications by Year
in descending order

201 papers	6,342 citations	57681 46 h-index	124990 64 g-index
202 all docs	202 docs citations	202 times ranked	4338 citing authors

#	Article	IF	Citations
1	Assessing the externalities of timber production. Forest Policy and Economics, 2022, 135, 102646.	1.5	9
2	Effect of Land-Use Change on Runoff in Hyrcania. Land, 2022, 11, 220.	1.2	8
3	Predicting Individual Tree Diameter of Larch (Larix olgensis) from UAV-LiDAR Data Using Six Different Algorithms. Remote Sensing, 2022, 14, 1125.	1.8	11
4	Improved guidelines for any-aged forestry. Journal of Forestry Research, 2022, 33, 1443-1457.	1.7	4
5	Two-level optimization approach to tree-level forest planning. Forest Ecosystems, 2022, 9, 100001.	1.3	6
6	Multi-objective forestry increases the production of ecosystem services. Forestry, 2021, 94, 386-394.	1.2	11
7	Economic losses in carbon forestry due to errors in inventory data. Canadian Journal of Forest Research, 2021, 51, 501-512.	0.8	2
8	Forest Assessment and Observation. Managing Forest Ecosystems, 2021, , 23-80.	0.4	0
9	Designing Forest Ecosystems. Managing Forest Ecosystems, 2021, , 281-354.	0.4	0
10	Effects of errors in basal area and mean diameter on the optimality of forest management prescriptions. Annals of Forest Science, 2021, 78, 1.	0.8	9
11	Self-learning growth simulator for modelling forest stand dynamics in changing conditions. Forestry, 2021, 94, 333-346.	1.2	17
12	Can Kohonen networks delineate forest stands?. Scandinavian Journal of Forest Research, 2021, 36, 198-209.	0.5	4
13	Developing distance-dependent growth models from irregularly measured sample plot data â€" A case for Larix olgensis in Northeast China. Forest Ecology and Management, 2021, 486, 118965.	1.4	6
14	Measuring the social performance of forest management. Journal of Forestry Research, 2021, 32, 1803-1818.	1.7	9
15	Stand delineation based on laser scanning data and simulated annealing. European Journal of Forest Research, 2021, 140, 1065-1080.	1.1	4
16	Modelling Non-timber Forest Products for Forest Management Planning in Europe. Current Forestry Reports, 2020, 6, 309-322.	3.4	17
17	Calculating the Additional Carbon Sequestration of Finnish Forestry. Journal of Sustainable Forestry, 2020, , 1-18.	0.6	11
18	Evaluating the accuracy of ALS-based removal estimates against actual logging data. Annals of Forest Science, 2020, 77, 1.	0.8	6

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19	Impact of structural changes in wood‑using industries on net carbon emissions in Finland. Journal of Industrial Ecology, 2020, 24, 899-912.	2.8	38
20	At what carbon price forest cutting should stop. Journal of Forestry Research, 2020, 31, 713-727.	1.7	27
21	Improved Cellular Automaton for Stand Delineation. Forests, 2020, 11, 37.	0.9	7
22	Trade-offs between economic profitability, erosion risk mitigation and biodiversity in the management of uneven-aged Abies alba Mill. stands. Annals of Forest Science, 2020, 77, 1.	0.8	7
23	Variation in forest landowners' management preferences reduces timber supply from Finnish forests. Annals of Forest Science, 2020, 77, 1.	0.8	13
24	Modelling the cone yields of Korean pine. Forest Ecology and Management, 2020, 464, 118086.	1.4	9
25	Delineating forest stands from grid data. Forest Ecosystems, 2020, 7, .	1.3	6
26	Combining spatial and economic criteria in tree-level harvest planning. Forest Ecosystems, 2020, 7, .	1.3	21
27	Analyzing ingrowth using zero-inflated negative binomial models. Silva Fennica, 2020, 54, .	0.5	9
28	Effect of wind damage on the habitat suitability of saproxylic species in a boreal forest landscape. Journal of Forestry Research, 2019, 30, 879-889.	1.7	8
29	How to manage mixed secondary forest in a sustainable way?. European Journal of Forest Research, 2019, 138, 789-801.	1.1	10
30	Effect of increased wood harvesting and utilization on required greenhouse gas displacement factors of wood-based products and fuels. Journal of Environmental Management, 2019, 247, 580-587.	3.8	82
31	The effects of sample plot selection strategy and the number of sample plots on inoptimality losses in forest management planning based on airborne laser scanning data. Canadian Journal of Forest Research, 2019, 49, 1135-1146.	0.8	6
32	Simulating the effects of wind and snow damage on the optimal management of Norwegian spruce forests. Forestry, 2019, 92, 406-416.	1.2	10
33	Using ALS raster data in forest planning. Journal of Forestry Research, 2019, 30, 1581-1593.	1.7	15
34	Influence of size and shape of forest inventory units on the layout of harvest blocks in numerical forest planning. European Journal of Forest Research, 2019, 138, 111-123.	1.1	18
35	Optimized cellular automaton for stand delineation. Journal of Forestry Research, 2019, 30, 107-119.	1.7	15
36	A new approach to the development of management instructions for tree plantations. Forestry, 2019, 92, 196-205.	1.2	4

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37	Developing growth models for tree plantations using inadequate data â€" a case for Korean pine in Northeast China. Silva Fennica, 2019, 53, .	0.5	4
38	Instructions for optimal any-aged forestry. Forestry, 2018, 91, 563-574.	1.2	11
39	Optimizing the joint production of timber and marketed mushrooms in Picea abies stands in eastern Finland. Journal of Forest Economics, 2018, 32, 34-41.	0.1	9
40	Effect of species composition on ecosystem services in European boreal forest. Journal of Forestry Research, 2018, 29, 261-272.	1.7	36
41	Carbon forestry is surprising. Forest Ecosystems, 2018, 5, .	1.3	43
42	Meta optimization of stand management with population-based methods. Canadian Journal of Forest Research, 2018, 48, 697-708.	0.8	8
43	Scenario analyses on the effects of fertilization, improved regeneration material, and ditch network maintenance on timber production of Finnish forests. European Journal of Forest Research, 2018, 137, 93-107.	1.1	14
44	Synergies and Trade-Offs in the Production of NWFPs Predicted in Boreal Forests. Forests, 2018, 9, 417.	0.9	23
45	Effects of Plot Positioning Errors on the Optimality of Harvest Prescriptions When Spatial Forest Planning Relies on ALS Data. Forests, 2018, 9, 371.	0.9	7
46	Effects of forest management and harvesting intensity on the timber supply from Finnish forests in a changing climate. Canadian Journal of Forest Research, 2018, 48, 1124-1134.	0.8	15
47	Aggregating microsegments into harvest blocks by using spatial optimization and proximity objectives. Canadian Journal of Forest Research, 2018, 48, 1184-1193.	0.8	11
48	Optimizing the debarking and cutting schedule of cork oak stands. Annals of Forest Science, 2018, 75, 1.	0.8	5
49	Optimal management of larch (Larix olgensis A. Henry) plantations in Northeast China when timber production and carbon stock are considered. Annals of Forest Science, 2018, 75, 1.	0.8	34
50	Influence of timber harvesting costs on the layout of cuttings and economic return in forest planning based on dynamic treatment units. Forest Systems, 2018, 27, e001.	0.1	5
51	Optimal crosscutting: any effect on optimal stand management?. European Journal of Forest Research, 2017, 136, 583-595.	1.1	3
52	Are forest disturbances amplifying or canceling out climate change-induced productivity changes in European forests?. Environmental Research Letters, 2017, 12, 034027.	2.2	142
53	Scenario analyses for the effects of harvesting intensity on development of forest resources, timber supply, carbon balance and biodiversity of Finnish forestry. Forest Policy and Economics, 2017, 80, 80-98.	1.5	77
54	How does forest composition and structure affect the stability against wind and snow?. Forest Ecology and Management, 2017, 401, 215-222.	1.4	40

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55	Optimal management of Korean pine plantations in multifunctional forestry. Journal of Forestry Research, 2017, 28, 1027-1037.	1.7	24
56	Adaptive management rules for Pinus nigra Arnold ssp. salzmannii stands under risk of fire. Annals of Forest Science, 2017, 74, 1.	0.8	4
57	Optimal nitrogen fertilization of boreal conifer forest. Forest Ecosystems, 2017, 4, .	1.3	20
58	Transfer and response functions as a means to predict the effect of climate change on timber supply. Forestry, 2017, 90, 573-580.	1.2	5
59	Effects of wind damage on the optimal management of boreal forests under current and changing climatic conditions. Canadian Journal of Forest Research, 2017, 47, 246-256.	0.8	27
60	Does management improve the carbon balance of forestry?. Forestry, 2017, 90, 125-135.	1.2	43
61	Using Spatial Optimization to Create Dynamic Harvest Blocks from LiDAR-Based Small Interpretation Units. Forests, 2016, 7, 220.	0.9	9
62	Optimal multi-product management of stands producing timber and wild berries. European Journal of Forest Research, 2016, 135, 781-794.	1.1	31
63	Continuous cover management reduces wind damage. Forest Ecology and Management, 2016, 372, 120-127.	1.4	59
64	Which type of forest management provides most ecosystem services?. Forest Ecosystems, 2016, 3, .	1.3	85
65	Selecting the trees to be harvested based on the relative value growth of the remaining trees. European Journal of Forest Research, 2016, 135, 581-592.	1.1	18
66	Integrated use of GIS, remote sensing and multi-criteria decision analysis to assess ecological land suitability in multi-functional forestry. Journal of Forestry Research, 2016, 27, 1127-1135.	1.7	18
67	A management planning system for even-aged and uneven-aged forests in northeast China. Journal of Forestry Research, 2016, 27, 837-852.	1.7	5
68	Fine-tuning heuristic methods for combinatorial optimization in forest planning. European Journal of Forest Research, 2016, 135, 765-779.	1.1	26
69	Plenterwald, Dauerwald, or clearcut?. Forest Policy and Economics, 2016, 62, 125-134.	1.5	28
70	Effects of wood harvesting and utilisation policies on the carbon balance of forestry under changing climate: a Finnish case study. Forest Policy and Economics, 2016, 62, 168-176.	1.5	35
71	Growth models for six *Eucalyptus* species in Angola. Southern Forests, 2015, 77, 141-152.	0.2	3
72	Modelling the potential spread of Fusarium circinatum, the causal agent of pitch canker in Europe. Annals of Forest Science, 2015, 72, 169-181.	0.8	24

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73	Simulated *Heterobasidion* disease development in *Picea abies* stands following precommercial thinning and the economic justification for control measures. Scandinavian Journal of Forest Research, 2015, 30, 174-185.	0.5	13
74	Optimizing continuous cover management of boreal forest when timber prices and tree growth are stochastic. Forest Ecosystems, 2015, 2, .	1.3	13
75	Climate-sensitive models for mushroom yields and diversity in Cistus ladanifer scrublands. Agricultural and Forest Meteorology, 2015, 213, 173-182.	1.9	35
76	Use of depth-first search and direct search methods to optimize even-aged stand management: a case study involving maritime pine in Asturias (northwest Spain). Canadian Journal of Forest Research, 2015, 45, 1269-1279.	0.8	21
77	Land use evolution and management under recurrent conflict conditions: Umbundu agroforestry system in the Angolan Highlands. Land Use Policy, 2015, 42, 460-470.	2.5	19
78	Modelling *Pinus pinea* forest management to attain natural regeneration under present and future climatic scenarios. Canadian Journal of Forest Research, 2014, 44, 250-262.	0.8	37
79	Evaluation of different approaches to individual tree growth and survival modelling using data collected at irregular intervals â€" a case study for Pinus patula in Kenya. Forest Ecosystems, 2014, 1, .	1.3	2
80	Integrating pine honeydew honey production into forest management optimization. European Journal of Forest Research, 2014, 133, 423-432.	1.1	40
81	Intra-specific differences in allometric equations for aboveground biomass of eastern Mediterranean Pinus brutia. Annals of Forest Science, 2014, 71, 101-112.	0.8	33
82	Impact of forest management intensity on landscape-level mushroom productivity: A regional model-based scenario analysis. Forest Ecology and Management, 2014, 330, 218-227.	1.4	66
83	Optimizing any-aged management of mixed boreal forest under residual basal area constraints. Journal of Forestry Research, 2014, 25, 627-636.	1.7	28
84	Modelling of the spread of a potential invasive pest, the Siberian moth (Dendrolimus sibiricus) in Europe. Forest Ecosystems, 2014, 1, .	1.3	6
85	Stand management optimization â€" the role of simplifications. Forest Ecosystems, 2014, 1, 3.	1.3	19
86	Height increment of understorey Norway spruces under different tree canopies. Forest Ecosystems, 2014, 1, .	1.3	14
87	Does biofuel harvesting and continuous cover management increase carbon sequestration?. Forest Policy and Economics, 2014, 43, 41-50.	1.5	68
88	Optimisation of the traditional land-use system in the Angolan highlands using linear programming. International Journal of Sustainable Development and World Ecology, 2014, 21, 138-148.	3.2	10
89	Using optimization to solve tree misidentification and uneven measurement interval problems in individual-tree modeling of Balsa stand dynamics. Ecological Engineering, 2014, 69, 232-236.	1.6	6
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91	Productivity and optimal management of the uneven-aged hardwood forests of Hyrcania. European Journal of Forest Research, 2013, 132, 851-864.	1.1	27
92	A comparison of fixed- and mixed-effects modeling in tree growth and yield prediction of an indigenous neotropical species (Centrolobium tomentosum) in a plantation system. Forest Ecology and Management, 2013, 291, 249-258.	1.4	27
93	Species Interactions in the Dynamics of Even- and Uneven-Aged Boreal Forests. Journal of Sustainable Forestry, 2013, 32, 371-403.	0.6	86
94	Growth models based on radial increment observations for eight pine species in Angola. Southern Forests, 2013, 75, 19-27.	0.2	2
95	Effects of forest inventory errors on the area and spatial layout of harvest blocks. European Journal of Forest Research, 2012, 131, 1943-1955.	1.1	1
96	Evaluating marginal and conditional predictions of taper models in the absence of calibration data. Canadian Journal of Forest Research, 2012, 42, 1383-1394.	0.8	78
97	Immediate effect of thinning on the yield of Lactarius group deliciosus in Pinus pinaster forests in Northeastern Spain. Forest Ecology and Management, 2012, 265, 211-217.	1.4	86
98	Relationships between economic profitability and habitat quality of Siberian jay in uneven-aged Norway spruce forest. Forest Ecology and Management, 2012, 276, 224-230.	1.4	14
99	Predicting the growth and yield of Pinus radiata in Bolivia. Annals of Forest Science, 2012, 69, 335-343.	0.8	14
100	Even-aged or uneven-aged modelling approach? A case for Pinus brutia. Annals of Forest Science, 2012, 69, 455-465.	0.8	15
101	Growth and yield of nine pine species in Angola. Journal of Forestry Research, 2012, 23, 197-204.	1.7	8
102	Site and stand characteristics related to surface erosion occurrence in forests of Catalonia (Spain). European Journal of Forest Research, 2012, 131, 727-738.	1.1	17
103	Historical Emergence and Current Application of CCF. Managing Forest Ecosystems, 2012, , 1-28.	0.4	27
104	Continuous Cover Forestry in Finland â€" Recent Research Results. Managing Forest Ecosystems, 2012, , 85-128.	0.4	18
105	Combining a predicted diameter distribution with an estimate based on a small sample of diameters. Canadian Journal of Forest Research, 2011, 41, 750-762.	0.8	11
106	Integrating fire risk considerations in landscape-level forest planning. Forest Ecology and Management, 2011, 261, 278-287.	1.4	65
107	Optimizing forest management in Finland with carbon subsidies and taxes. Forest Policy and Economics, 2011, 13, 425-434.	1.5	47
108	Using optimization for fitting individual-tree growth models for uneven-aged stands. European Journal of Forest Research, 2011, 130, 829-839.	1.1	17

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109	A growth and yield model for even-aged Pinus brutia Ten. stands in Syria. Annals of Forest Science, 2011, 68, 149-157.	0.8	27
110	Using multiscale spatial analysis to assess fire ignition density in Catalonia, Spain. Annals of Forest Science, 2011, 68, 861-871.	0.8	19
111	A multifunctional comparison of even-aged and uneven-aged forest management in a boreal region. Canadian Journal of Forest Research, 2011, 41, 851-862.	0.8	80
112	Optimal management of Pinus pinaster in Galicia (Spain) under risk of fire. International Journal of Wildland Fire, 2010, 19, 937.	1.0	23
113	Optimizing the structure and management of uneven-sized stands of Finland. Forestry, 2010, 83, 129-142.	1.2	71
114	Optimizing the joint production of timber and bilberries. Forest Ecology and Management, 2010, 259, 2065-2071.	1.4	52
115	Optimal management of uneven-aged Norway spruce stands. Forest Ecology and Management, 2010, 260, 106-115.	1.4	116
116	Inoptimality losses in forest management decisions caused by errors in an inventory based on airborne laser scanning and aerial photographs. Canadian Journal of Forest Research, 2010, 40, 2427-2438.	0.8	11
117	Optimizing the management of Norway spruce and Scots pine mixtures on a site infected by<i>Heterobasidion</i>coll.. Scandinavian Journal of Forest Research, 2010, 25, 127-137.	0.5	21
118	Optimization of irregular-grid cellular automata and application in risk management of wind damage in forest planning. Canadian Journal of Forest Research, 2010, 40, 1064-1075.	0.8	9
119	Prediction models for the annual seed crop of Norway spruce and Scots pine in Finland. Silva Fennica, 2010, 44, .	0.5	19
120	Models for simulating the development of even-aged Pinus brutia stands in Middle East. Forest Systems, 2010, 19, 449.	0.1	8
121	Predicting scenic beauty of forest stands in Catalonia (North-east Spain). Journal of Forestry Research, 2009, 20, 73-78.	1.7	44
122	Growth and yield models for uneven-sized forest stands in Finland. Forest Ecology and Management, 2009, 258, 207-216.	1.4	118
123	Optimizing the management of a Norway spruce stand on a site infected byHeterobasidioncoll. Scandinavian Journal of Forest Research, 2009, 24, 149-159.	0.5	9
124	Optimal management of Pinus radiata silvopastoral systems established on abandoned agricultural land in Galicia (north-western Spain). Silva Fennica, 2009, 43, .	0.5	14
125	Population-based methods in the optimization of stand management. Silva Fennica, 2009, 43, .	0.5	36
126	The use of tree level vs. stand level data in forest planning calculations â€" does it really matter?. Annals of Forest Science, 2008, 65, 110-110.	0.8	3

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127	Empirical models for predicting the production of wild mushrooms in Scots pine (Pinus sylvestris L.) forests in the Central Pyrenees. Annals of Forest Science, 2008, 65, 206-206.	0.8	64
128	Integrating Multiple Services in the Numerical Analysis of Landscape Design. Managing Forest Ecosystems, 2008, , 137-167.	0.4	10
129	The use of heuristic optimization in risk management of wind damage in forest planning. Forest Ecology and Management, 2007, 241, 189-199.	1.4	59
130	Biodiversity policies in commercial boreal forests: Optimal design of subsidy and tax combinations. Forest Policy and Economics, 2007, 9, 982-995.	1.5	22
131	The use of cellular automaton approach in forest planning. Canadian Journal of Forest Research, 2007, 37, 2188-2200.	0.8	44
132	Using expert knowledge to model forest stand vulnerability to fire. Computers and Electronics in Agriculture, 2007, 55, 107-114.	3.7	30
133	Predicting stand damage and tree survival in burned forests in Catalonia (North-East Spain). Annals of Forest Science, 2007, 64, 733-742.	0.8	67
134	Optimising the management of even-aged Pinus sylvestris L. stands in Galicia, north-western Spain. Annals of Forest Science, 2007, 64, 787-798.	0.8	11
135	Maintenance of flying squirrel habitat and timber harvest: a site-specific spatial model in forest planning calculations. Landscape Ecology, 2007, 22, 243-256.	1.9	26
136	Characterization of forest fires in Catalonia (north-east Spain). European Journal of Forest Research, 2007, 126, 421-429.	1.1	76
137	Comparison of beta, Johnson's SB, Weibull and truncated Weibull functions for modeling the diameter distribution of forest stands in Catalonia (north-east of Spain). European Journal of Forest Research, 2007, 126, 563-571.	1.1	66
138	Possibilities to aggregate raster cells through spatial optimization in forest planning. Silva Fennica, 2007, 41, .	0.5	35
139	A fire probability model for forest stands in Catalonia (north-east Spain). Annals of Forest Science, 2006, 63, 169-176.	0.8	115
140	Optimizing heuristic search in forest planning. Nonlinear Analysis: Real World Applications, 2006, 7, 1284-1297.	0.9	43
141	Calibrating predicted tree diameter distributions in Catalonia, Spain. Silva Fennica, 2006, 40, .	0.5	7
142	Optimising the management of Pinus sylvestris L. stand under risk of fire in Catalonia (north-east of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	46
143	Integrating Fire Risk Considerations in Forest Management Planning in Spain â€" A Landscape Level Perspective. Landscape Ecology, 2005, 20, 957-970.	1.9	55
144	Multi-attribute assessment of acceptability of operations in the pulp and paper industries. Forest Policy and Economics, 2005, 7, 227-243.	1.5	28

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145	Modeling infection and spread of Heterobasidion annosum in even-aged Fennoscandian conifer stands. Canadian Journal of Forest Research, 2005, 35, 74-84.	0.8	58
146	MetsikÃ¶n tuottoarvon ennustemallit kivennÃ¤smaan mÃ¤nikÃ¶ille, kuusikoille ja rauduskoivikoille. Metstieteen Aikakauskirja, 2005, 2005, .	0.0	12
147	Optimising the management of a heterogeneous stand. Silva Fennica, 2005, 39, .	0.5	18
148	Examining the performance of six heuristic optimisation techniques in different forest planning problems. Silva Fennica, 2005, 39, .	0.5	61
149	Growth and yield model for uneven-aged mixtures of Pinus sylvestris L. and Pinus nigra Arn. in Catalonia, north-east Spain. Annals of Forest Science, 2004, 61, 9-24.	0.8	70
150	Using past growth to improve individual-tree diameter growth models for uneven-aged mixtures of Pinus sylvestris L. and Pinus nigra Arn. in Catalonia, north-east Spain. Annals of Forest Science, 2004, 61, 409-417.	0.8	31
151	Optimising the management of uneven-aged Pinus sylvestris L. and Pinus nigra Arn. mixed stands in Catalonia, north-east Spain. Annals of Forest Science, 2004, 61, 747-758.	0.8	36
152	A comparison of one- and two-compartment neighbourhoods in heuristic search with spatial forest management goals. Silva Fennica, 2004, 38, .	0.5	47
153	Title is missing!. Landscape Ecology, 2003, 18, 529-541.	1.9	42
154	Spatial harvest scheduling approach for areas involving multiple ownership. Forest Policy and Economics, 2003, 5, 27-38.	1.5	27
155	Predicting timber harvests from private forestsâ€"a utility maximisation approach. Forest Policy and Economics, 2003, 5, 285-296.	1.5	17
156	Optimising the management of Scots pine (Pinus sylvestris L.) stands in Spain based on individual-tree models. Annals of Forest Science, 2003, 60, 105-114.	0.8	81
157	Empirical prediction models for Vaccinium myrtillus and V. vitis-idaea berry yields in North Karelia, Finland. Silva Fennica, 2003, 37, .	0.5	30
158	Effect of Cuttings on the Scenic Beauty of a Tree Stand. Scandinavian Journal of Forest Research, 2002, 17, 263-273.	0.5	62
159	Expert models for bilberry and cowberry yields in Finnish forests. Forest Ecology and Management, 2002, 157, 15-22.	1.4	40
160	Application of ecological field theory in distance-dependent growth modelling. Forest Ecology and Management, 2002, 161, 101-107.	1.4	38
161	Decreasing the fragmentation of old forests in landscapes involving multiple ownership in Finland: economic, social and ecological consequences. Forest Ecology and Management, 2002, 166, 69-84.	1.4	20
162	The performance of alternative spatial objective types in forest planning calculations: a case for flying squirrel and moose. Forest Ecology and Management, 2002, 166, 245-260.	1.4	70

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163	Optimising the management of Eucalyptus grandis (Hill) Maiden plantations in Zimbabwe. Forest Ecology and Management, 2002, 166, 149-157.	1.4	14
164	Optimising the management of maize â€" Grevillea robusta fields in Kenya. Agroforestry Systems, 2002, 56, 13-25.	0.9	23
165	Introduction to Multi-Objective Forest Planning. Managing Forest Ecosystems, 2002, , 1-19.	0.4	20
166	Alternative priority models for forest planning on the landscape level involving multiple ownership. Forest Policy and Economics, 2001, 2, 293-306.	1.5	19
167	Estimation of tree stand characteristics through computer visualisation. Landscape and Urban Planning, 2001, 53, 85-94.	3.4	9
168	Prediction models of landscape preferences at the forest stand level. Landscape and Urban Planning, 2001, 56, 11-20.	3.4	96
169	Modelling cowberry (Vaccinium vitis-idaea) and bilberry (Vaccinium myrtillus) yields from mineral soils and peatlands on the basis of visual field estimates. Silva Fennica, 2001, 35, .	0.5	17
170	Optimising the management of even-aged Shorea robusta stands in southern Nepal using individual tree growth models. Forest Ecology and Management, 2000, 126, 417-429.	1.4	14
171	Modelling the spread of butt rot in a Picea abies stand in Finland to evaluate the profitability of stump protection against Heterobasidion annosum. Forest Ecology and Management, 1998, 106, 247-257.	1.4	25
172	Multiple risks in multi-objective forest planning: integration and importance. Forest Ecology and Management, 1998, 111, 265-284.	1.4	40
173	A spatial yield model for optimizing the thinning regime of mixed stands of *Pinus sylvestris* and *Picea abies*. Scandinavian Journal of Forest Research, 1998, 13, 31-42.	0.5	58
174	Tree-selection algorithms for optimizing thinning using a distance-dependent growth model. Canadian Journal of Forest Research, 1998, 28, 693-702.	0.8	37
175	Response to different thinning intensities in young *Pinus sylvestris*. Scandinavian Journal of Forest Research, 1998, 13, 141-150.	0.5	38
176	A method for stochastic multiobjective optimization of stand management. Forest Ecology and Management, 1997, 98, 189-203.	1.4	68
177	Integrating forest-level and compartment-level indices of species diversity with numerical forest planning.. Silva Fennica, 1997, 31, .	0.5	29
178	Operationalization of biological diversity as a decision objective in tactical forest planning. Canadian Journal of Forest Research, 1996, 26, 103-111.	0.8	66
179	Integrating scenic and recreational amenities into numerical forest planning. Landscape and Urban Planning, 1995, 32, 185-195.	3.4	55
180	Productivity of mixed stands of *Pinus sylvestris* and *Picea abies*. Scandinavian Journal of Forest Research, 1994, 9, 143-153.	0.5	47

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181	A method for predicting tree dimensions in Scots pine and Norway spruce stands. Forest Ecology and Management, 1994, 65, 123-134.	1.4	8
182	A heuristic optimization method for forest planning and decision making. Scandinavian Journal of Forest Research, 1993, 8, 560-570.	0.5	121
183	A method for estimating forest landowner's landscape preferences. Scandinavian Journal of Forest Research, 1993, 8, 408-417.	0.5	35
184	Factors related to seedling growth in a boreal Scots pine stand: a spatial analysis of a vegetationâ€"soil system. Canadian Journal of Forest Research, 1993, 23, 2101-2109.	0.8	85
185	Belowâ€Canopy distribution of photosynthetically active radiation and its relation to seedling growth in a boreal <i>Pinus sylvestris</i> stand. Scandinavian Journal of Forest Research, 1993, 8, 313-325.	0.5	40
186	A stochastic spatial regeneration model for Pinus sylvestris. Scandinavian Journal of Forest Research, 1992, 7, 377-385.	0.5	27
187	Juniperus procera Hocht. ex. Endl. in Ethiopian forestry. Forest Ecology and Management, 1992, 49, 75-85.	1.4	21
188	A decision theoretic approach applied to goal programming of forest management.. Silva Fennica, 1992, 26, .	0.5	35
189	Predicting spatial distribution of direct radiation below forest canopies. Agricultural and Forest Meteorology, 1991, 55, 295-307.	1.9	55
190	An application of a spatial growth model of Scots pine on drained peatland. Forest Ecology and Management, 1991, 41, 265-277.	1.4	9
191	A method for incorporating the withinâ€stand variation into forest management planning. Scandinavian Journal of Forest Research, 1990, 5, 263-275.	0.5	11
192	Eucalyptus globulus in Ethiopian forestry. Forest Ecology and Management, 1990, 36, 19-31.	1.4	109
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