Thomas Nord-Larsen

List of Publications by Year
in descending order

49	1,338	304368 22	360668 35
papers	citations	h-index	g-index

53	53	53	1547
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Remote sensing and forest inventories in Nordic countries â€“ roadmap for the future. Scandinavian Journal of Forest Research, 2018, 33, 397-412.	0.5	111
2	Estimation of forest resources from a country wide laser scanning survey and national forest inventory data. Remote Sensing of Environment, 2012, 119, 148-157.	4.6	85
3	Maintenance of long-term experiments for unique insights into forest growth dynamics and trends: review and perspectives. European Journal of Forest Research, 2019, 138, 165-185.	1.1	68
4	Old-growth forest carbon sinks overestimated. Nature, 2021, 591, E21-E23.	13.7	65
5	A diameter distribution model for even-aged beech in Denmark. Forest Ecology and Management, 2006, 231, 218-225.	1.4	62
6	Assessment of forest-fuel resources in Denmark: technical and economic availability. Biomass and Bioenergy, 2004, 27, 97-109.	2.9	58
7	Production potential of 36 poplar clones grown at medium length rotation in Denmark. Biomass and Bioenergy, 2014, 64, 99-109.	2.9	55
8	Site-specific height growth models for six common tree species in Denmark. Scandinavian Journal of Forest Research, 2009, 24, 194-204.	0.5	47
9	Overview of methods and tools for evaluating future woody biomass availability in European countries. Annals of Forest Science, 2016, 73, 823-837.	0.8	47
10	Biomass production of four willow clones grown as short rotation coppice on two soil types in Denmark. Biomass and Bioenergy, 2012, 46, 664-672.	2.9	44
11	Fertilization of SRC Willow, I: Biomass Production Response. Bioenergy Research, 2014, 7, 319-328.	2.2	44
12	Lidar supported estimators of wood volume and aboveground biomass from the Danish national forest inventory (2012â€“2016). Remote Sensing of Environment, 2018, 211, 146-153.	4.6	44
13	Stand and site productivity response following whole-tree harvesting in early thinnings of Norway spruce (Picea abies (L.) Karst.). Biomass and Bioenergy, 2002, 23, 1-12.	2.9	42
14	Functions for biomass and basic density of stem, crown and root system of Norway spruce (<i>Picea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	36
15	Harmonisation of stem volume estimates in European National Forest Inventories. Annals of Forest Science, 2019, 76, 1.	0.8	34
16	Growing stock monitoring by European National Forest Inventories: Historical origins, current methods and harmonisation. Forest Ecology and Management, 2022, 505, 119868.	1.4	34
17	Biomass, basic density and biomass expansion factor functions for European beech (Fagus sylvatica L.) in Denmark. European Journal of Forest Research, 2012, 131, 1035-1053.	1.1	30
18	Spatial patterns of tree species in Suserup Skov â€“ a semi-natural forest in Denmark. Forest Ecology and Management, 2017, 406, 391-401.	1.4	28

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19	Quantifying size-asymmetric growth among individual beech trees. Canadian Journal of Forest Research, 2006, 36, 418-425.	0.8	26
20	Ecosystem carbon stocks and their temporal resilience in a semi-natural beech-dominated forest. Forest Ecology and Management, 2019, 447, 67-76.	1.4	25
21	Fertilization of SRC Willow, II: Leaching and Element Balances. Bioenergy Research, 2014, 7, 338-352.	2.2	24
22	Allometric Biomass, Biomass Expansion Factor and Wood Density Models for the OP42 Hybrid Poplar in Southern Scandinavia. Bioenergy Research, 2015, 8, 1332-1343.	2.2	24
23	Classification of Nemoral Forests with Fusion of Multi-Temporal Sentinel-1 and 2 Data. Remote Sensing, 2021, 13, 950.	1.8	24
24	Developing an airborne laser scanning dominant height model from a countrywide scanning survey and national forest inventory data. Scandinavian Journal of Forest Research, 2010, 25, 262-272.	0.5	23
25	Biomass, stem basic density and expansion factor functions for five exotic conifers grown in Denmark. Scandinavian Journal of Forest Research, 2015, 30, 135-153.	0.5	19
26	Drying of firewood â€“ the effect of harvesting time, tree species and shelter of stacked wood. Biomass and Bioenergy, 2011, 35, 2993-2998.	2.9	18
27	Commercially Grown Short Rotation Coppice Willow in Denmark: Biomass Production and Factors Affecting Production. Bioenergy Research, 2015, 8, 325-339.	2.2	18
28	Economic analysis of near-natural beech stand management in Northern Germany. Forest Ecology and Management, 2003, 184, 149-165.	1.4	16
29	A state-space approach to stand growth modelling of European beech. Annals of Forest Science, 2007, 64, 365-374.	0.8	16
30	How much water can wood cell walls hold? A triangulation approach to determine the maximum cell wall moisture content. PLoS ONE, 2020, 15, e0238319.	1.1	15
31	Simulating tree growth response to climate change in structurally diverse oak and beech forests. Science of the Total Environment, 2022, 806, 150422.	3.9	15
32	Comparison of estimators of variance for forest inventories with systematic sampling - results from artificial populations. Forest Ecosystems, 2020, 7, .	1.3	15
33	Biomass production dynamics for common forest tree species in Denmark â€“ Evaluation of a common garden experiment after 50 yrs of measurements. Forest Ecology and Management, 2017, 400, 645-654.	1.4	14
34	Pre-commercial thinning in naturally regenerated stands of European beech (Fagus sylvaticaL.): effects of thinning pattern, stand density and pruning on tree growth and stem quality. Forestry, 2019, 92, 120-132.	1.2	14
35	Simultaneous estimation of biomass models for 13 tree species: effects of compatible additivity requirements. Canadian Journal of Forest Research, 2017, 47, 765-776.	0.8	13
36	Simulating conversion of even-aged Norway spruce into uneven-aged mixed forest: effects of different scenarios on production, economy and heterogeneity. European Journal of Forest Research, 2021, 140, 1005-1027.	1.1	13

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37	Spatially explicit determination of individual tree target diameters in beech. Forest Ecology and Management, 2012, 270, 291-301.	1.4	11
38	Wall-to-wall tree type classification using airborne lidar data and CIR images. International Journal of Remote Sensing, 2014, 35, 3057-3073.	1.3	11
39	With increasing site quality asymmetric competition and mortality reduces Scots pine (Pinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	11
40	Improving living biomass C-stock loss estimates by combining optical satellite, airborne laser scanning, and NFI data. Canadian Journal of Forest Research, 2021, 51, 1472-1485.	0.8	9
41	Effects of nurse trees, spacing, and tree species on biomass production in mixed forest plantations. Scandinavian Journal of Forest Research, 2016, 31, 592-601.	0.5	6
42	Design-consistent model-based variances with systematic sampling: a case study with the Danish national Forest inventory. Communications in Statistics Part B: Simulation and Computation, 2021, 50, 38-48.	0.6	5
43	Estimating forest cover in the presence of missing observations. Scandinavian Journal of Forest Research, 2008, 23, 266-271.	0.5	4
44	Estimation of life history in corticolous lichens by zonation. Lichenologist, 2018, 50, 697-704.	0.5	3
45	A Jackknife Estimator of Variance for a Random Tessellated Stratified Sampling Design. Forest Science, 2019, 65, 543-547.	0.5	3
46	Deciduous trees as lichen phorophytes: biodiversity and colonization patterns under common garden conditions. Lichenologist, 2020, 52, 221-232.	0.5	2
47	CO₂ emission mitigation through fuel transition on Danish CHP and district heating plants. GCB Bioenergy, 2021, 13, 1162-1178.	2.5	2
48	Forest inventory inference with spatial model strata. Scandinavian Journal of Forest Research, 2021, 36, 43-54.	0.5	1
49	Mapping tree species ecograms based on soil pH and soil water availability across Denmark. Forestry, 2022, 95, 287-299.	1.2	1