

# Thomas Nord-Larsen

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,338  
citations

304602

22  
h-index

360920

35  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping tree species ecograms based on soil pH and soil water availability across Denmark. <i>Forestry</i> , 2022, 95, 287-299.	1.2	1
2	Simulating tree growth response to climate change in structurally diverse oak and beech forests. <i>Science of the Total Environment</i> , 2022, 806, 150422.	3.9	15
3	Growing stock monitoring by European National Forest Inventories: Historical origins, current methods and harmonisation. <i>Forest Ecology and Management</i> , 2022, 505, 119868.	1.4	34
4	With increasing site quality asymmetric competition and mortality reduces Scots pine ( <i>Pinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.4	11
5	Design-consistent model-based variances with systematic sampling: a case study with the Danish national Forest inventory. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2021, 50, 38-48.	0.6	5
6	Forest inventory inference with spatial model strata. <i>Scandinavian Journal of Forest Research</i> , 2021, 36, 43-54.	0.5	1
7	Improving living biomass C-stock loss estimates by combining optical satellite, airborne laser scanning, and NFI data. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1472-1485.	0.8	9
8	Classification of Nemoral Forests with Fusion of Multi-Temporal Sentinel-1 and 2 Data. <i>Remote Sensing</i> , 2021, 13, 950.	1.8	24
9	Old-growth forest carbon sinks overestimated. <i>Nature</i> , 2021, 591, E21-E23.	13.7	65
10	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.	1.1	13
11	CO <sub>2</sub> emission mitigation through fuel transition on Danish CHP and district heating plants. <i>GCB Bioenergy</i> , 2021, 13, 1162-1178.	2.5	2
12	How much water can wood cell walls hold? A triangulation approach to determine the maximum cell wall moisture content. <i>PLoS ONE</i> , 2020, 15, e0238319.	1.1	15
13	Deciduous trees as lichen phorophytes: biodiversity and colonization patterns under common garden conditions. <i>Lichenologist</i> , 2020, 52, 221-232.	0.5	2
14	Comparison of estimators of variance for forest inventories with systematic sampling - results from artificial populations. <i>Forest Ecosystems</i> , 2020, 7, .	1.3	15
15	Ecosystem carbon stocks and their temporal resilience in a semi-natural beech-dominated forest. <i>Forest Ecology and Management</i> , 2019, 447, 67-76.	1.4	25
16	A Jackknife Estimator of Variance for a Random Tessellated Stratified Sampling Design. <i>Forest Science</i> , 2019, 65, 543-547.	0.5	3
17	Harmonisation of stem volume estimates in European National Forest Inventories. <i>Annals of Forest Science</i> , 2019, 76, 1.	0.8	34
18	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.	1.1	68

#	ARTICLE	IF	CITATIONS
19	Pre-commercial thinning in naturally regenerated stands of European beech ( <i>Fagus sylvatica</i> ): effects of thinning pattern, stand density and pruning on tree growth and stem quality. <i>Forestry</i> , 2019, 92, 120-132.	1.2	14
20	Lidar supported estimators of wood volume and aboveground biomass from the Danish national forest inventory (2012–2016). <i>Remote Sensing of Environment</i> , 2018, 211, 146-153.	4.6	44
21	Remote sensing and forest inventories in Nordic countries – roadmap for the future. <i>Scandinavian Journal of Forest Research</i> , 2018, 33, 397-412.	0.5	111
22	Estimation of life history in corticolous lichens by zonation. <i>Lichenologist</i> , 2018, 50, 697-704.	0.5	3
23	Simultaneous estimation of biomass models for 13 tree species: effects of compatible additivity requirements. <i>Canadian Journal of Forest Research</i> , 2017, 47, 765-776.	0.8	13
24	Spatial patterns of tree species in Suserup Skov – a semi-natural forest in Denmark. <i>Forest Ecology and Management</i> , 2017, 406, 391-401.	1.4	28
25	Biomass production dynamics for common forest tree species in Denmark – Evaluation of a common garden experiment after 50 yrs of measurements. <i>Forest Ecology and Management</i> , 2017, 400, 645-654.	1.4	14
26	Effects of nurse trees, spacing, and tree species on biomass production in mixed forest plantations. <i>Scandinavian Journal of Forest Research</i> , 2016, 31, 592-601.	0.5	6
27	Overview of methods and tools for evaluating future woody biomass availability in European countries. <i>Annals of Forest Science</i> , 2016, 73, 823-837.	0.8	47
28	Biomass, stem basic density and expansion factor functions for five exotic conifers grown in Denmark. <i>Scandinavian Journal of Forest Research</i> , 2015, 30, 135-153.	0.5	19
29	Commercially Grown Short Rotation Coppice Willow in Denmark: Biomass Production and Factors Affecting Production. <i>Bioenergy Research</i> , 2015, 8, 325-339.	2.2	18
30	Allometric Biomass, Biomass Expansion Factor and Wood Density Models for the OP42 Hybrid Poplar in Southern Scandinavia. <i>Bioenergy Research</i> , 2015, 8, 1332-1343.	2.2	24
31	Production potential of 36 poplar clones grown at medium length rotation in Denmark. <i>Biomass and Bioenergy</i> , 2014, 64, 99-109.	2.9	55
32	Fertilization of SRC Willow, II: Leaching and Element Balances. <i>Bioenergy Research</i> , 2014, 7, 338-352.	2.2	24
33	Fertilization of SRC Willow, I: Biomass Production Response. <i>Bioenergy Research</i> , 2014, 7, 319-328.	2.2	44
34	Wall-to-wall tree type classification using airborne lidar data and CIR images. <i>International Journal of Remote Sensing</i> , 2014, 35, 3057-3073.	1.3	11
35	Biomass production of four willow clones grown as short rotation coppice on two soil types in Denmark. <i>Biomass and Bioenergy</i> , 2012, 46, 664-672.	2.9	44
36	Estimation of forest resources from a country wide laser scanning survey and national forest inventory data. <i>Remote Sensing of Environment</i> , 2012, 119, 148-157.	4.6	85

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37	Spatially explicit determination of individual tree target diameters in beech. <i>Forest Ecology and Management</i> , 2012, 270, 291-301.	1.4	11
38	Biomass, basic density and biomass expansion factor functions for European beech ( <i>Fagus sylvatica</i> L.) in Denmark. <i>European Journal of Forest Research</i> , 2012, 131, 1035-1053.	1.1	30
39	Drying of firewood – the effect of harvesting time, tree species and shelter of stacked wood. <i>Biomass and Bioenergy</i> , 2011, 35, 2993-2998.	2.9	18
40	Functions for biomass and basic density of stem, crown and root system of Norway spruce ( <i>Picea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	36
41	Developing an airborne laser scanning dominant height model from a countrywide scanning survey and national forest inventory data. <i>Scandinavian Journal of Forest Research</i> , 2010, 25, 262-272.	0.5	23
42	Site-specific height growth models for six common tree species in Denmark. <i>Scandinavian Journal of Forest Research</i> , 2009, 24, 194-204.	0.5	47
43	Estimating forest cover in the presence of missing observations. <i>Scandinavian Journal of Forest Research</i> , 2008, 23, 266-271.	0.5	4
44	A state-space approach to stand growth modelling of European beech. <i>Annals of Forest Science</i> , 2007, 64, 365-374.	0.8	16
45	Quantifying size-asymmetric growth among individual beech trees. <i>Canadian Journal of Forest Research</i> , 2006, 36, 418-425.	0.8	26
46	A diameter distribution model for even-aged beech in Denmark. <i>Forest Ecology and Management</i> , 2006, 231, 218-225.	1.4	62
47	Assessment of forest-fuel resources in Denmark: technical and economic availability. <i>Biomass and Bioenergy</i> , 2004, 27, 97-109.	2.9	58
48	Economic analysis of near-natural beech stand management in Northern Germany. <i>Forest Ecology and Management</i> , 2003, 184, 149-165.	1.4	16
49	Stand and site productivity response following whole-tree harvesting in early thinnings of Norway spruce ( <i>Picea abies</i> (L.) Karst.). <i>Biomass and Bioenergy</i> , 2002, 23, 1-12.	2.9	42