

Arne Steffenrem

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

575
citations

687363

13
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	Stand age and fine root biomass, distribution and morphology in a Norway spruce chronosequence in southeast Norway. <i>Tree Physiology</i> , 2008, 28, 773-784.	3.1	125
2	The genetic and economic gains from forest tree breeding programmes in Scandinavia and Finland. <i>Scandinavian Journal of Forest Research</i> , 2017, 32, 273-286.	1.4	74
3	Dynamic Conservation of Forest Genetic Resources in 33 European Countries. <i>Conservation Biology</i> , 2013, 27, 373-384.	4.7	63
4	Field performance and early test results of offspring from two Norway spruce seed orchards containing clones transferred to warmer climates. <i>Canadian Journal of Forest Research</i> , 2007, 37, 515-522.	1.7	42
5	Historic transfer of forest reproductive material in the Nordic region: drivers, scale and implications. <i>Forestry</i> , 2016, 89, 325-337.	2.3	31
6	Genetic variation of wood quality traits and relationships with growth in <i>Picea abies</i> . <i>Scandinavian Journal of Forest Research</i> , 2009, 24, 15-27.	1.4	30
7	Genetic parameters for wood quality traits and resistance to the pathogens <i>Heterobasidion parviporum</i> and <i>Endoconidiophora polonica</i> in a Norway spruce breeding population. <i>European Journal of Forest Research</i> , 2016, 135, 815-825.	2.5	26
8	Spatial Patterns in Hyphal Growth and Substrate Exploitation within Norway Spruce Stems Colonized by the Pathogenic White-Rot Fungus <i>Heterobasidion parviporum</i> . <i>Applied and Environmental Microbiology</i> , 2009, 75, 4069-4078.	3.1	24
9	Variation in wood properties among five full-sib families of Norway spruce (<i>Picea abies</i>). <i>Annals of Forest Science</i> , 2007, 64, 799-806.	2.0	22
10	Use of UAV photogrammetric data in forest genetic trials: measuring tree height, growth, and phenology in Norway spruce (<i>Picea abies</i> L. Karst.). <i>Scandinavian Journal of Forest Research</i> , 2020, 35, 322-333.	1.4	22
11	Identification and analysis of differentially expressed <i>Heterobasidion parviporum</i> genes during natural colonization of Norway spruce stems. <i>Fungal Genetics and Biology</i> , 2008, 45, 498-513.	2.1	19
12	Selection in a provenance trial of Norway spruce (<i>Picea abies</i> L. Karst) produced a land race with desirable properties. <i>Scandinavian Journal of Forest Research</i> , 2016, 31, 439-449.	1.4	14
13	Genetic variation, inheritance patterns and parent-offspring relationships after artificial inoculations with <i>Heterobasidion parviporum</i> and <i>Ceratosystis polonica</i> in Norway spruce seed orchards and progeny tests. <i>Silva Fennica</i> , 2015, 49, .	1.3	14
14	A high-throughput X-ray-based method for measurements of relative wood density from unprepared increment cores from <i>Picea abies</i> . <i>Scandinavian Journal of Forest Research</i> , 2014, 29, 506-514.	1.4	13
15	Delphinella Shoot Blight on <i>Abies lasiocarpa</i> Provenances in Norway. <i>Forests</i> , 2016, 7, 7.	2.1	12
16	Modelling the epigenetic response of increased temperature during reproduction on Norway spruce phenology. <i>Scandinavian Journal of Forest Research</i> , 2019, 34, 83-93.	1.4	9
17	Genetic and environmental variation of internodal and whorl branch formation in a progeny trial of <i>Picea abies</i> . <i>Scandinavian Journal of Forest Research</i> , 2008, 23, 290-298.	1.4	8
18	Site and age-dependent responses of <i>Picea abies</i> growth to climate variability. <i>European Journal of Forest Research</i> , 2019, 138, 445-460.	2.5	8

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19	Dynamic Gene-Resource Landscape Management of Norway Spruce: Combining Utilization and Conservation. <i>Frontiers in Plant Science</i> , 2017, 8, 1810.	3.6	7
20	Performance and Phenotypic Stability of Norway Spruce Provenances, Families, and Clones Growing under Diverse Climatic Conditions in Four Nordic Countries. <i>Forests</i> , 2021, 12, 230.	2.1	6
21	Genetic variation in phenology and growth among and within Norway spruce populations from two altitudinal transects in Mid-Norway. <i>Silva Fennica</i> , 2019, 53, .	1.3	6