

Gunnar Jansson

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

822
citations

516710

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docs citations

57
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Logging Mats and Logging Residue as Ground Protection during Forwarder Traffic along Till Hillslopes. <i>Croatian Journal of Forest Engineering</i> , 2021, 42, .	1.9	6
2	Chemical similarity between introduced and native populations of Scots pine can facilitate transcontinental expansion of mountain pine beetle in North America. <i>Biological Invasions</i> , 2020, 22, 1067-1083.	2.4	1
3	Genetic improvement of sawn-board shape stability in Scots pine (<i>Pinus sylvestris</i> L.). <i>Industrial Crops and Products</i> , 2020, 157, 112939.	5.2	2
4	Genetic Improvement of Sawn-Board Stiffness and Strength in Scots Pine (<i>Pinus sylvestris</i> L.). <i>Sensors</i> , 2020, 20, 1129.	3.8	4
5	Genomic data provide new insights on the demographic history and the extent of recent material transfers in Norway spruce. <i>Evolutionary Applications</i> , 2019, 12, 1539-1551.	3.1	49
6	Analysis of non-additive genetic effects in Norway spruce. <i>Tree Genetics and Genomes</i> , 2019, 15, 1.	1.6	17
7	Assessing the potential for assisted gene flow using past introduction of Norway spruce in southern Sweden: Local adaptation and genetic basis of quantitative traits in trees. <i>Evolutionary Applications</i> , 2019, 12, 1946-1959.	3.1	36
8	Riparian forests along small streams on managed forest land in Sweden. <i>Scandinavian Journal of Forest Research</i> , 2018, 33, 133-146.	1.4	6
9	Long-term effects on soil-water nitrogen and pH of clearcutting and simulated disc trenching of previously nitrogen-fertilised pine plots. <i>Canadian Journal of Forest Research</i> , 2018, 48, 1115-1123.	1.7	4
10	Optimal timing of early genetic selection for sawn timber traits in <i>Picea abies</i> . <i>European Journal of Forest Research</i> , 2018, 137, 553-564.	2.5	9
11	Effects of whole-tree harvest on soil-water chemistry at five conifer sites in Sweden. <i>Canadian Journal of Forest Research</i> , 2017, 47, 349-356.	1.7	3
12	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
13	Effects of pruning on wood properties of planted silver birch in southern Sweden. <i>Silva Fennica</i> , 2017, 51, .	1.3	4
14	Historic transfer of forest reproductive material in the Nordic region: drivers, scale and implications. <i>Forestry</i> , 2016, 89, 325-337.	2.3	31
15	Scots pine transfer effect models for growth and survival in Sweden and Finland. <i>Silva Fennica</i> , 2016, 50, .	1.3	35
16	Connectedness among test series in mixed linear models of genetic evaluation for forest trees. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	1.6	4
17	Genotype by environment interaction in the southern Swedish breeding population of <i>Picea abies</i> using new climatic indices. <i>Scandinavian Journal of Forest Research</i> , 2015, 30, 112-121.	1.4	20
18	Effects of pruning and stand density on cone and pollen production in an experimental <i>Pinus sylvestris</i> seed orchard. <i>Silva Fennica</i> , 2015, 49, .	1.3	3

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19	The potential for the genetic improvement of sawn timber traits in <i>Picea abies</i> . Canadian Journal of Forest Research, 2014, 44, 273-280.	1.7	10
20	Genetic information from progeny trials: a comparison between progenies generated by open pollination and by controlled crosses. Tree Genetics and Genomes, 2013, 9, 731-740.	1.6	9
21	Effects of previous nitrogen fertilization on soil-solution chemistry after final felling and soil scarification at two nitrogen-limited forest sites. Canadian Journal of Forest Research, 2013, 43, 396-404.	1.7	15
22	Norway Spruce (<i>Picea abies</i> (L.) H.Karst.). Managing Forest Ecosystems, 2013, , 123-176.	0.9	21
23	Development of economic forest tree breeding objectives: review of existing methodology and discussion of its application in Swedish conditions. Scandinavian Journal of Forest Research, 2012, 27, 681-691.	1.4	9
24	The effect of fertilization on genetic parameters in <i>Picea abies</i> clones in central Sweden and consequences for breeding and deployment. Forest Ecology and Management, 2012, 270, 239-247.	3.2	1
25	Patterns of genetic parameters for height in field genetic tests of <i>Picea abies</i> and <i>Pinus sylvestris</i> in Sweden. Tree Genetics and Genomes, 2011, 7, 1099-1111.	1.6	38
26	Relationship of wood composition to growth traits of selected open-pollinated families of <i>Eucalyptus urophylla</i> from a progeny trial in Vietnam. New Forests, 2010, 39, 301-312.	1.7	16
27	Relationships between early assessments of stem and branch properties and sawn timber traits in a <i>Pinus sylvestris</i> progeny trial. Scandinavian Journal of Forest Research, 2010, 25, 421-431.	1.4	9
28	Genetic correlations between spiral grain and growth and quality traits in <i>Picea abies</i> . Canadian Journal of Forest Research, 2010, 40, 173-183.	1.7	13
29	Wood stiffness and strength as selection traits for sawn timber in <i>Acacia auriculiformis</i> . Canadian Journal of Forest Research, 2010, 40, 322-329.	1.7	11
30	Developing a Scots pine breeding objective: a case study involving a Swedish sawmill. Silva Fennica, 2010, 44, .	1.3	8
31	Which annual rings to assess grain angles in breeding of Scots pine for improved shape stability of sawn timber?. Silva Fennica, 2010, 44, .	1.3	4
32	Utilisation du retrait du bois dans lâ€™amÃ©lioration de lâ€™ <i>Acacia auriculiformis</i> A. Cunn. ex Benth Ã croissiance rapide au Vietnam. Annals of Forest Science, 2009, 66, 611-611.	2.0	11
33	La teneur en cellulose comme un trait de sÃ©lection pour lâ€™amÃ©lioration du rendement en pÃ¢te kraft dâ€™ <i>Eucalyptus urophylla</i> . Annals of Forest Science, 2009, 66, 711-711.	2.0	20
34	A model to estimate economic weight of tree survival relative to volume production taking patchiness into account. Scandinavian Journal of Forest Research, 2009, 24, 278-287.	1.4	7
35	Economic weight of tree survival relative to volume production in tree breeding: A case study with <i>Pinus sylvestris</i> in northern Sweden. Scandinavian Journal of Forest Research, 2009, 24, 288-297.	1.4	9
36	Genetic parameters for grain angle in 28-year-old Norway spruce progeny trials and their parent seed orchard. Annals of Forest Science, 2008, 65, 301.	2.0	16

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37	Genetic variation in growth, stem straightness and branch thickness in clonal trials of <i>Acacia auriculiformis</i> at three contrasting sites in Vietnam. <i>Forest Ecology and Management</i> , 2008, 255, 156-167.	3.2	59
38	Genetic variation in microsatellite stability of somatic embryo plants of <i>Picea abies</i> : A case study using six unrelated full-sib families. <i>Scandinavian Journal of Forest Research</i> , 2008, 23, 2-11.	1.4	16
39	Genotype by Environment Interaction in <i>Pinus sylvestris</i> L. in Southern Sweden. <i>Silvae Genetica</i> , 2008, 57, 306-311.	0.8	8
40	Genetic variation in responses of <i>Pinus sylvestris</i> trees to natural infection by <i>Gremmeniella abietina</i> . <i>Scandinavian Journal of Forest Research</i> , 2007, 22, 290-298.	1.4	0
41	Gains from selecting <i>Pinus sylvestris</i> in southern Sweden for volume per hectare. <i>Scandinavian Journal of Forest Research</i> , 2007, 22, 185-192.	1.4	22
42	Comparing gain and optimum test size from progeny testing and phenotypic selection in <i>Pinus sylvestris</i> . <i>Canadian Journal of Forest Research</i> , 2007, 37, 1227-1235.	1.7	8
43	Use of trait combinations for evaluating juvenile-mature relationships in <i>Picea abies</i> (L.). <i>Tree Genetics and Genomes</i> , 2005, 1, 21-30.	1.6	6
44	Analysis of the distribution of marker classes in a genetic linkage map: a case study in Norway spruce (<i>Picea abies</i> karst). <i>Tree Genetics and Genomes</i> , 2005, 1, 93-102.	1.6	15
45	Predicting the mortality of <i>Pinus sylvestris</i> attacked by <i>Gremmeniella abietina</i> and occurrence of <i>Tomicus piniperda</i> colonization. <i>Canadian Journal of Forest Research</i> , 2005, 35, 860-867.	1.7	10
46	Improvement of <i>Betula pendula</i> by clonal and progeny testing of phenotypically selected trees. <i>Scandinavian Journal of Forest Research</i> , 2005, 20, 292-303.	1.4	18
47	Inheritance and diversity of simple sequence repeat (SSR) microsatellite markers in various families of <i>Picea abies</i> . <i>Hereditas</i> , 2003, 138, 219-227.	1.4	18
48	Genetic variation in nutrient utilization and growth traits in <i>Picea abies</i> seedlings. <i>Scandinavian Journal of Forest Research</i> , 2003, 18, 19-28.	1.4	13
49	Urea fertilizations of a Norway spruce stand: effects on nitrogen in soil water and field-layer vegetation after final felling. <i>Canadian Journal of Forest Research</i> , 2003, 33, 375-384.	1.7	20
50	Genetic Variation in Nutrient Utilization and Growth Traits in <i>Picea abies</i> Seedlings. <i>Scandinavian Journal of Forest Research</i> , 2003, 18, 19-28.	1.4	6
51	Retrospective genetic testing of <i>Picea abies</i> under controlled temperature and moisture regimes. <i>Canadian Journal of Forest Research</i> , 2002, 32, 81-91.	1.7	17
52	Retrospective Genetic Tests of <i>Pinus sylvestris</i> L. in Growth Chambers with Two Irrigation Regimes and Two Temperatures. <i>Scandinavian Journal of Forest Research</i> , 2001, 16, 21-29.	1.4	8
53	Ochratoxin a in rice cultivars after inoculation of <i>Penicillium verrucosum</i> . <i>Natural Toxins</i> , 1998, 6, 73-84.	1.0	10
54	Correspondence between single-tree and multiple-tree plot genetic tests for production traits in <i>Pinus sylvestris</i> . <i>Canadian Journal of Forest Research</i> , 1998, 28, 450-458.	1.7	19

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55	Needs and benefits of empirical power transformations for production and quality traits in forest tree breeding. Theoretical and Applied Genetics, 1993, 87, 487-497.	3.6	6