Ove Nilsson

List of Publications by Year
in descending order

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Version: 2024-02-01

51	6,349	159585	206112
papers	citations	30 h-index	48 g-index

55	55	55	7304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Norway spruce genome sequence and conifer genome evolution. Nature, 2013, 497, 579-584.	27.8	1,303
2	CO/FT Regulatory Module Controls Timing of Flowering and Seasonal Growth Cessation in Trees. Science, 2006, 312, 1040-1043.	12.6	904
3	A developmental switch sufficient for flower initiation in diverse plants. Nature, 1995, 377, 495-500.	27.8	787
4	Gibberellins Promote Flowering of Arabidopsis by Activating the LEAFY Promoter. Plant Cell, 1998, 10, 791-800.	6.6	519
5	A transcriptional timetable of autumn senescence. Genome Biology, 2004, 5, R24.	9.6	226
6	AspWood: High-Spatial-Resolution Transcriptome Profiles Reveal Uncharacterized Modularity of Wood Formation in Populus tremula. Plant Cell, 2017, 29, 1585-1604.	6.6	219
7	The BLADE ON PETIOLE genes act redundantly to control the growth and development of lateral organs. Development (Cambridge), 2005, 132, 2203-2213.	2.5	207
8	Electronic plants. Science Advances, 2015, 1, e1501136.	10.3	190
9	Insights into Conifer Giga-Genomes. Plant Physiology, 2014, 166, 1724-1732.	4.8	164
10	Flowering-Time Genes Modulate the Response to LEAFY Activity. Genetics, 1998, 150, 403-410.	2.9	151
11	Spatial pattern of cauliflower mosaic virus 35S promoter-luciferase expression in transgenic hybrid aspen trees monitored by enzymatic assay and non-destructive imaging. Transgenic Research, 1992, 1, 209-220.	2.4	138
12	<scp>WUSCHEL</scp>â€<scp>RELATED HOMEOBOX</scp>4 (<scp>WOX</scp>4)â€like genes regulate cambial cell division activity and secondary growth in Populus trees. New Phytologist, 2017, 215, 642-657.	7.3	117
13	BLADE-ON-PETIOLE proteins act in an E3 ubiquitin ligase complex to regulate PHYTOCHROME INTERACTING FACTOR 4 abundance. ELife, 2017, 6, .	6.0	106
14	Class I KNOX transcription factors promote differentiation of cambial derivatives into xylem fibers in the Arabidopsis hypocotyl. Development (Cambridge), 2014, 141, 4311-4319.	2.5	97
15	Analysis of conifer FLOWERING LOCUS T/TERMINAL FLOWER1â€like genes provides evidence for dramatic biochemical evolution in the angiosperm <scp>FT</scp> lineage. New Phytologist, 2012, 196, 1260-1273.	7.3	90
16	Indole-3-acetic acid homeostasis in transgenic tobacco plants expressing theAgrobacterium rhizogenes rolBgene. Plant Journal, 1993, 3, 681-689.	5.7	89
17	Revisiting tree maturation and floral initiation in the poplar functional genomics era. New Phytologist, 2004, 164, 43-51.	7.3	88
18	The Arabidopsis LRR-RLK, PXC1, is a regulator of secondary wall formation correlated with the TDIF-PXY/TDR-WOX4 signaling pathway. BMC Plant Biology, 2013, 13, 94.	3.6	80

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19	A major locus controls local adaptation and adaptive life history variation in a perennial plant. Genome Biology, 2018, 19, 72.	8.8	76
20	NorWood: a gene expression resource for evoâ€‹devo studies of conifer wood development. New Phytologist, 2017, 216, 482-494.	7.3	71
21	<scp>FT</scp> overexpression induces precocious flowering and normal reproductive development in Eucalyptus. Plant Biotechnology Journal, 2016, 14, 808-819.	8.3	70
22	Molecular regulation of phenology in trees â€" because the seasons they are a-changinâ€™. Current Opinion in Plant Biology, 2016, 29, 73-79.	7.1	70
23	Expression of two heterologous promoters, Agrobacterium rhizogenes rolC and cauliflower mosaic virus 35S, in the stem of transgenic hybrid aspen plants during the annual cycle of growth and dormancy. Plant Molecular Biology, 1996, 31, 887-895.	3.9	57
24	GIGANTEAâ€‹like genes control seasonal growth cessation in Populus. New Phytologist, 2018, 218, 1491-1503.	7.3	55
25	Transcriptional Roadmap to Seasonal Variation in Wood Formation of Norway Spruce. Plant Physiology, 2018, 176, 2851-2870.	4.8	40
26	Autumn senescence in aspen is not triggered by day length. Physiologia Plantarum, 2018, 162, 123-134.	5.2	40
27	Modulating the timing of flowering. Current Opinion in Biotechnology, 1997, 8, 195-199.	6.6	39
28	The Agrobacterium rhizogenes rolB and rolC promoters are expressed in pericycle cells competent to serve as root initials in transgenic hybrid aspen. Physiologia Plantarum, 1997, 100, 456-462.	5.2	35
29	Getting to the root: The role of the Agrobacterium rhizogenes rol genes in the formation of hairy roots. Physiologia Plantarum, 1997, 100, 463-473.	5.2	35
30	<scp>CLE</scp> peptide signaling in plantsÂâ€“Âthe power of moving around. Physiologia Plantarum, 2015, 155, 74-87.	5.2	33
31	<scp>LEAFY</scp> activity is postâ€‹transcriptionally regulated by <scp>BLADE ON PETIOLE</scp>2 and <scp>CULLIN</scp>3 in Arabidopsis. New Phytologist, 2018, 220, 579-592.	7.3	32
32	Phytochrome B and PHYTOCHROME INTERACTING FACTOR8 modulate seasonal growth in trees. New Phytologist, 2021, 232, 2339-2352.	7.3	31
33	FLOWERING LOCUS T paralogs control the annual growth cycle in Populus trees. Current Biology, 2022, 32, 2988-2996.e4.	3.9	24
34	Successful crossings with early flowering transgenic poplar: interspecific crossings, but not transgenesis, promoted aberrant phenotypes in offspring. Plant Biotechnology Journal, 2014, 12, 1066-1074.	8.3	20
35	Low temperatures are required to induce the development of fertile flowers in transgenic male and female early flowering poplar (Populus tremulaL.). Tree Physiology, 2016, 36, 667-677.	3.1	19
36	Transcriptome analysis of embryonic domains in Norway spruce reveals potential regulators of suspensor cell death. PLoS ONE, 2018, 13, e0192945.	2.5	17

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37	Separation and identification of cytokinins using combined capillary liquid chromatography/mass spectrometry. Biological Mass Spectrometry, 1993, 22, 201-210.	0.5	14
38	Peptide encoding Populus CLV3/ESRâ€RELATED 47 (PttCLE47) promotes cambial development and secondary xylem formation in hybrid aspen. New Phytologist, 2020, 226, 75-85.	7.3	13
39	Functional metabolomics as a tool to analyze Mediator function and structure in plants. PLoS ONE, 2017, 12, e0179640.	2.5	13
40	Novel monomeric luciferase enzymes as tools to study plant gene regulationin vivo. Luminescence, 1990, 5, 79-87.	0.0	12
41	Certification for gene-edited forests. Science, 2019, 365, 767-768.	12.6	12
42	Integrative Analysis of Three RNA Sequencing Methods Identifies Mutually Exclusive Exons of MADS-Box Isoforms During Early Bud Development in Picea abies. Frontiers in Plant Science, 2018, 9, 1625.	3.6	10
43	Populus SVL Acts in Leaves to Modulate the Timing of Growth Cessation and Bud Set. Frontiers in Plant Science, 2022, 13, 823019.	3.6	8
44	EU Regulations Impede Market Introduction of GM Forest Trees. Trends in Plant Science, 2016, 21, 283-285.	8.8	6
45	GIGANTEA influences leaf senescence in trees in two different ways. Plant Physiology, 2021, 187, 2435-2450.	4.8	5
46	Indole-3-acetic acid homeostasis in transgenic tobacco plants expressing the Agrobacterium rhizogenes rolB gene. Plant Journal, 1993, 3, 681-689.	5.7	5
47	Plant Evolution: Measuring the Length of the Day. Current Biology, 2009, 19, R302-R303.	3.9	4
48	The Agrobacterium rhizogenes rolB and rolC promoters are expressed in pericycle cells competent to serve as root initials in transgenic hybrid aspen. Physiologia Plantarum, 1997, 100, 456-462.	5.2	4
49	Photoperiodic Control of Dormancy and Flowering in Trees. , 2009, , 88-106.		1
50	Arabidopsis Research 2000. Plant Cell, 2000, 12, 2302.	6.6	0
51	Variation in non-target traits in genetically modified hybrid aspens does not exceed natural variation. New Biotechnology, 2021, 64, 27-36.	4.4	0