Ove Nilsson

List of Publications by Year
in descending order

51 papers	6,349 citations	159585 30 h-index	206112 48 g-index
55 all docs	55 docs citations	55 times ranked	7304 citing authors

#	Article	IF	Citations
1	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
2	FLOWERING LOCUS T paralogs control the annual growth cycle in Populus trees. Current Biology, 2022, 32, 2988-2996.e4.	3.9	24
3	Phytochrome B and PHYTOCHROME INTERACTING FACTOR8 modulate seasonal growth in trees. New Phytologist, 2021, 232, 2339-2352.	7.3	31
4	Variation in non-target traits in genetically modified hybrid aspens does not exceed natural variation. New Biotechnology, 2021, 64, 27-36.	4.4	0
5	<i>GIGANTEA</i> influences leaf senescence in trees in two different ways. Plant Physiology, 2021, 187, 2435-2450.	4.8	5
6	Peptide encoding <i>Populus CLV3/ESRâ€RELATED 47</i> (<i>PttCLE47</i>) promotes cambial development and secondary xylem formation in hybrid aspen. New Phytologist, 2020, 226, 75-85.	7.3	13
7	Certification for gene-edited forests. Science, 2019, 365, 767-768.	12.6	12
8	Transcriptional Roadmap to Seasonal Variation in Wood Formation of Norway Spruce. Plant Physiology, 2018, 176, 2851-2870.	4.8	40
9	<i>GIGANTEAâ€</i>like genes control seasonal growth cessation in <i>Populus</i>. New Phytologist, 2018, 218, 1491-1503.	7.3	55
10	Autumn senescence in aspen is not triggered by day length. Physiologia Plantarum, 2018, 162, 123-134.	5.2	40
11	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
12	<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
13	A major locus controls local adaptation and adaptive life history variation in a perennial plant. Genome Biology, 2018, 19, 72.	8.8	76
14	Transcriptome analysis of embryonic domains in Norway spruce reveals potential regulators of suspensor cell death. PLoS ONE, 2018, 13, e0192945.	2.5	17
15	NorWood: a gene expression resource for evoâ€devo studies of conifer wood development. New Phytologist, 2017, 216, 482-494.	7.3	71
16	<i><scp>WUSCHEL</scp>â€<scp>RELATED HOMEOBOX</scp>4 (<scp>WOX</scp>4)</i>â€like genes regulate cambial cell division activity and secondary growth in <i>Populus</i> trees. New Phytologist, 2017, 215, 642-657.	7.3	117
17	AspWood: High-Spatial-Resolution Transcriptome Profiles Reveal Uncharacterized Modularity of Wood Formation in <i>Populus tremula</i>. Plant Cell, 2017, 29, 1585-1604.	6.6	219
18	BLADE-ON-PETIOLE proteins act in an E3 ubiquitin ligase complex to regulate PHYTOCHROME INTERACTING FACTOR 4 abundance. ELife, 2017, 6, .	6.0	106

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19	Functional metabolomics as a tool to analyze Mediator function and structure in plants. PLoS ONE, 2017, 12, e0179640.	2.5	13
20	<i><scp>FT</scp></i> overexpression induces precocious flowering and normal reproductive development in <i>Eucalyptus</i>. Plant Biotechnology Journal, 2016, 14, 808-819.	8.3	70
21	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
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	EU Regulations Impede Market Introduction of GM Forest Trees. Trends in Plant Science, 2016, 21, 283-285.	8.8	6
24	<scp>CLE</scp> peptide signaling in plantsÂâ€"Âthe power of moving around. Physiologia Plantarum, 2015, 155, 74-87.	5.2	33
25	Electronic plants. Science Advances, 2015, 1, e1501136.	10.3	190
26	Insights into Conifer Giga-Genomes. Plant Physiology, 2014, 166, 1724-1732.	4.8	164
27	Class I KNOX transcription factors promote differentiation of cambial derivatives into xylem fibers in the <i>Arabidopsis</i> hypocotyl. Development (Cambridge), 2014, 141, 4311-4319.	2.5	97
28	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
29	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
30	The Norway spruce genome sequence and conifer genome evolution. Nature, 2013, 497, 579-584.	27.8	1,303
31	Analysis of conifer <i>FLOWERING LOCUS T</i>/<i>TERMINAL FLOWER1</i>â€like genes provides evidence for dramatic biochemical evolution in the angiosperm <scp><i>FT</i></scp> lineage. New Phytologist, 2012, 196, 1260-1273.	7.3	90
32	Plant Evolution: Measuring the Length of the Day. Current Biology, 2009, 19, R302-R303.	3.9	4
33	Photoperiodic Control of Dormancy and Flowering in Trees. , 2009, , 88-106.		1
34	CO/FT Regulatory Module Controls Timing of Flowering and Seasonal Growth Cessation in Trees. Science, 2006, 312, 1040-1043.	12.6	904
35	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
36	Revisiting tree maturation and floral initiation in the poplar functional genomics era. New Phytologist, 2004, 164, 43-51.	7.3	88

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37	A transcriptional timetable of autumn senescence. Genome Biology, 2004, 5, R24.	9.6	226
38	Arabidopsis Research 2000. Plant Cell, 2000, 12, 2302.	6.6	0
39	Gibberellins Promote Flowering of Arabidopsis by Activating the LEAFY Promoter. Plant Cell, 1998, 10, 791-800.	6.6	519
40	Flowering-Time Genes Modulate the Response to LEAFY Activity. Genetics, 1998, 150, 403-410.	2.9	151
41	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
42	Modulating the timing of flowering. Current Opinion in Biotechnology, 1997, 8, 195-199.	6.6	39
43	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
44	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
45	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
46	A developmental switch sufficient for flower initiation in diverse plants. Nature, 1995, 377, 495-500.	27.8	787
47	Separation and identification of cytokinins using combined capillary liquid chromatography/mass spectrometry. Biological Mass Spectrometry, 1993, 22, 201-210.	0.5	14
48	Indole-3-acetic acid homeostasis in transgenic tobacco plants expressing theAgrobacterium rhizogenes rolBgene. Plant Journal, 1993, 3, 681-689.	5.7	89
49	Indole-3-acetic acid homeostasis in transgenic tobacco plants expressing the Agrobacterium rhizogenes rolB gene. Plant Journal, 1993, 3, 681-689.	5.7	5
50	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
51	Novel monomeric luciferase enzymes as tools to study plant gene regulationin vivo. Luminescence, 1990, 5, 79-87.	0.0	12