Ove Nilsson

List of Publications by Year in Descending Order

49 papers	4,819 citations	28 h-index	55 g-index
55 ext. papers	5,757 ext. citations	10.7 avg, IF	5.13 L-index

#	Paper	IF	Citations
49	Acts in Leaves to Modulate the Timing of Growth Cessation and Bud Set.. *Frontiers in Plant Science*, **2022**, 13, 823019	6.2	0
48	Phytochrome B and PHYTOCHROME INTERACTING FACTOR8 modulate seasonal growth in trees. *New Phytologist*, **2021**, 232, 2339-2352	9.8	6
47	Variation in non-target traits in genetically modified hybrid aspens does not exceed natural variation. *New Biotechnology*, **2021**, 64, 27-36	6.4	
46	GIGANTEA influences leaf senescence in trees in two different ways. *Plant Physiology*, **2021**, 187, 2435-2450	6.6	1
45	Peptide encoding Populus CLV3/ESR-RELATED 47 (PttCLE47) promotes cambial development and secondary xylem formation in hybrid aspen. *New Phytologist*, **2020**, 226, 75-85	9.8	5
44	Certification for gene-edited forests. *Science*, **2019**, 365, 767-768	33.3	3
43	Transcriptional Roadmap to Seasonal Variation in Wood Formation of Norway Spruce. *Plant Physiology*, **2018**, 176, 2851-2870	6.6	21
42	GIGANTEA-like genes control seasonal growth cessation in Populus. *New Phytologist*, **2018**, 218, 1491-1503	9.8	36
41	Autumn senescence in aspen is not triggered by day length. *Physiologia Plantarum*, **2018**, 162, 123-134	4.6	30
40	LEAFY activity is post-transcriptionally regulated by BLADE ON PETIOLE2 and CULLIN3 in Arabidopsis. *New Phytologist*, **2018**, 220, 579-592	9.8	13
39	A major locus controls local adaptation and adaptive life history variation in a perennial plant. *Genome Biology*, **2018**, 19, 72	18.3	46
38	Transcriptome analysis of embryonic domains in Norway spruce reveals potential regulators of suspensor cell death. *PLoS ONE*, **2018**, 13, e0192945	3.7	8
37	Integrative Analysis of Three RNA Sequencing Methods Identifies Mutually Exclusive Exons of MADS-Box Isoforms During Early Bud Development in. *Frontiers in Plant Science*, **2018**, 9, 1625	6.2	2
36	NorWood: a gene expression resource for evo-devo studies of conifer wood development. *New Phytologist*, **2017**, 216, 482-494	9.8	40
35	WUSCHEL-RELATED HOMEOBOX4 (WOX4)-like genes regulate cambial cell division activity and secondary growth in Populus trees. *New Phytologist*, **2017**, 215, 642-657	9.8	57
34	AspWood: High-Spatial-Resolution Transcriptome Profiles Reveal Uncharacterized Modularity of Wood Formation in. *Plant Cell*, **2017**, 29, 1585-1604	11.6	119
33	BLADE-ON-PETIOLE proteins act in an E3 ubiquitin ligase complex to regulate PHYTOCHROME INTERACTING FACTOR 4 abundance. *ELife*, **2017**, 6,	8.9	66

32	Functional metabolomics as a tool to analyze Mediator function and structure in plants. *PLoS ONE*, **2017**, 12, e0179640	3.7	7
31	Molecular regulation of phenology in trees-because the seasons they are a-changinV *Current Opinion in Plant Biology*, **2016**, 29, 73-9	9.9	47
30	EU Regulations Impede Market Introduction of GM Forest Trees. *Trends in Plant Science*, **2016**, 21, 283-285	13.1	4
29	FT overexpression induces precocious flowering and normal reproductive development in Eucalyptus. *Plant Biotechnology Journal*, **2016**, 14, 808-19	11.6	37
28	Low temperatures are required to induce the development of fertile flowers in transgenic male and female early flowering poplar (Populus tremula L.). *Tree Physiology*, **2016**, 36, 667-77	4.2	14
27	CLE peptide signaling in plants - the power of moving around. *Physiologia Plantarum*, **2015**, 155, 74-87	4.6	29
26	Electronic plants. *Science Advances*, **2015**, 1, e1501136	14.3	143
25	Insights into conifer giga-genomes. *Plant Physiology*, **2014**, 166, 1724-32	6.6	104
24	Class I KNOX transcription factors promote differentiation of cambial derivatives into xylem fibers in the Arabidopsis hypocotyl. *Development (Cambridge)*, **2014**, 141, 4311-9	6.6	64
23	Successful crossings with early flowering transgenic poplar: interspecific crossings, but not transgenesis, promoted aberrant phenotypes in offspring. *Plant Biotechnology Journal*, **2014**, 12, 1066-74	11.6	17
22	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	5.3	47
21	The Norway spruce genome sequence and conifer genome evolution. *Nature*, **2013**, 497, 579-84	50.4	983
20	Analysis of conifer FLOWERING LOCUS T/TERMINAL FLOWER1-like genes provides evidence for dramatic biochemical evolution in the angiosperm FT lineage. *New Phytologist*, **2012**, 196, 1260-1273	9.8	67
19	Plant evolution: measuring the length of the day. *Current Biology*, **2009**, 19, R302-3	6.3	2
18	CO/FT regulatory module controls timing of flowering and seasonal growth cessation in trees. *Science*, **2006**, 312, 1040-3	33.3	765
17	The BLADE ON PETIOLE genes act redundantly to control the growth and development of lateral organs. *Development (Cambridge)*, **2005**, 132, 2203-13	6.6	160
16	Revisiting tree maturation and floral initiation in the poplar functional genomics era. *New Phytologist*, **2004**, 164, 43-51	9.8	80
15	A transcriptional timetable of autumn senescence. *Genome Biology*, **2004**, 5, R24	18.3	205

14	Arabidopsis Research 2000. *Plant Cell*, **2000**, 12, 2302	11.6	
13	Gibberellins promote flowering of arabidopsis by activating the LEAFY promoter. *Plant Cell*, **1998**, 10, 791-800	11.6	437
12	Flowering-time genes modulate the response to LEAFY activity. *Genetics*, **1998**, 150, 403-10	4	134
11	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	4.6	33
10	Modulating the timing of flowering. *Current Opinion in Biotechnology*, **1997**, 8, 195-9	11.4	34
9	Getting to the root: The role of the Agrobacterium rhizogenes rol genes in the formation of hairy roots. *Physiologia Plantarum*, **1997**, 100, 463-473	4.6	14
8	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, 887-95	4.6	50
7	A developmental switch sufficient for flower initiation in diverse plants. *Nature*, **1995**, 377, 495-500	50.4	674
6	Separation and identification of cytokinins using combined capillary liquid chromatography/mass spectrometry. *Biological Mass Spectrometry*, **1993**, 22, 201-210		14
5	Indole-3-acetic acid homeostasis in transgenic tobacco plants expressing the Agrobacterium rhizogenes rolB gene. *Plant Journal*, **1993**, 3, 681-689	6.9	76
4	Indole-3-acetic acid homeostasis in transgenic tobacco plants expressing the Agrobacterium rhizogenes rolB gene **1993**, 3, 681		5
3	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	3.3	107
2	Novel monomeric luciferase enzymes as tools to study plant gene regulation in vivo. *Luminescence*, **1990**, 5, 79-87		8
1	A major locus controls local adaptation and adaptive life history variation in a perennial plant		2