

Ove Nilsson

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2889742/ove-nilsson-publications-by-citations.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The Norway spruce genome sequence and conifer genome evolution. <i>Nature</i> , 2013 , 497, 579-84	50.4	983
48	CO/FT regulatory module controls timing of flowering and seasonal growth cessation in trees. <i>Science</i> , 2006 , 312, 1040-3	33.3	765
47	A developmental switch sufficient for flower initiation in diverse plants. <i>Nature</i> , 1995 , 377, 495-500	50.4	674
46	Gibberellins promote flowering of arabidopsis by activating the LEAFY promoter. <i>Plant Cell</i> , 1998 , 10, 791-800	11.6	437
45	A transcriptional timetable of autumn senescence. <i>Genome Biology</i> , 2004 , 5, R24	18.3	205
44	The BLADE ON PETIOLE genes act redundantly to control the growth and development of lateral organs. <i>Development (Cambridge)</i> , 2005 , 132, 2203-13	6.6	160
43	Electronic plants. <i>Science Advances</i> , 2015 , 1, e1501136	14.3	143
42	Flowering-time genes modulate the response to LEAFY activity. <i>Genetics</i> , 1998 , 150, 403-10	4	134
41	AspWood: High-Spatial-Resolution Transcriptome Profiles Reveal Uncharacterized Modularity of Wood Formation in. <i>Plant Cell</i> , 2017 , 29, 1585-1604	11.6	119
40	Spatial pattern of cauliflower mosaic virus 35S promoter-luciferase expression in transgenic hybrid aspen trees monitored by enzymatic assay and non-destructive imaging. <i>Transgenic Research</i> , 1992 , 1, 209-220	3.3	107
39	Insights into conifer giga-genomes. <i>Plant Physiology</i> , 2014 , 166, 1724-32	6.6	104
38	Revisiting tree maturation and floral initiation in the poplar functional genomics era. <i>New Phytologist</i> , 2004 , 164, 43-51	9.8	80
37	Indole-3-acetic acid homeostasis in transgenic tobacco plants expressing the <i>Agrobacterium</i> rhizogenes rolB gene. <i>Plant Journal</i> , 1993 , 3, 681-689	6.9	76
36	Analysis of conifer FLOWERING LOCUS T/TERMINAL FLOWER1-like genes provides evidence for dramatic biochemical evolution in the angiosperm FT lineage. <i>New Phytologist</i> , 2012 , 196, 1260-1273	9.8	67
35	BLADE-ON-PETIOLE proteins act in an E3 ubiquitin ligase complex to regulate PHYTOCHROME INTERACTING FACTOR 4 abundance. <i>ELife</i> , 2017 , 6,	8.9	66
34	Class I KNOX transcription factors promote differentiation of cambial derivatives into xylem fibers in the <i>Arabidopsis</i> hypocotyl. <i>Development (Cambridge)</i> , 2014 , 141, 4311-9	6.6	64
33	WUSCHEL-RELATED HOMEODOMAIN 4 (WOX4)-like genes regulate cambial cell division activity and secondary growth in <i>Populus</i> trees. <i>New Phytologist</i> , 2017 , 215, 642-657	9.8	57

32	Expression of two heterologous promoters, <i>Agrobacterium rhizogenes</i> rolC and cauliflower mosaic virus 35S, in the stem of transgenic hybrid aspen plants during the annual cycle of growth and dormancy. <i>Plant Molecular Biology</i> , 1996 , 31, 887-95	4.6	50
31	Molecular regulation of phenology in trees-because the seasons they are a-changinV <i>Current Opinion in Plant Biology</i> , 2016 , 29, 73-9	9.9	47
30	The Arabidopsis LRR-RLK, PXC1, is a regulator of secondary wall formation correlated with the TDIF-PXY/TDR-WOX4 signaling pathway. <i>BMC Plant Biology</i> , 2013 , 13, 94	5.3	47
29	A major locus controls local adaptation and adaptive life history variation in a perennial plant. <i>Genome Biology</i> , 2018 , 19, 72	18.3	46
28	NorWood: a gene expression resource for evo-devo studies of conifer wood development. <i>New Phytologist</i> , 2017 , 216, 482-494	9.8	40
27	FT overexpression induces precocious flowering and normal reproductive development in Eucalyptus. <i>Plant Biotechnology Journal</i> , 2016 , 14, 808-19	11.6	37
26	GIGANTEA-like genes control seasonal growth cessation in Populus. <i>New Phytologist</i> , 2018 , 218, 1491-1503	9.8	36
25	Modulating the timing of flowering. <i>Current Opinion in Biotechnology</i> , 1997 , 8, 195-9	11.4	34
24	The <i>Agrobacterium rhizogenes</i> rolB and rolC promoters are expressed in pericycle cells competent to serve as root initials in transgenic hybrid aspen. <i>Physiologia Plantarum</i> , 1997 , 100, 456-462	4.6	33
23	Autumn senescence in aspen is not triggered by day length. <i>Physiologia Plantarum</i> , 2018 , 162, 123-134	4.6	30
22	CLE peptide signaling in plants - the power of moving around. <i>Physiologia Plantarum</i> , 2015 , 155, 74-87	4.6	29
21	Transcriptional Roadmap to Seasonal Variation in Wood Formation of Norway Spruce. <i>Plant Physiology</i> , 2018 , 176, 2851-2870	6.6	21
20	Successful crossings with early flowering transgenic poplar: interspecific crossings, but not transgenesis, promoted aberrant phenotypes in offspring. <i>Plant Biotechnology Journal</i> , 2014 , 12, 1066-74	11.6	17
19	Separation and identification of cytokinins using combined capillary liquid chromatography/mass spectrometry. <i>Biological Mass Spectrometry</i> , 1993 , 22, 201-210		14
18	Getting to the root: The role of the <i>Agrobacterium rhizogenes</i> rol genes in the formation of hairy roots. <i>Physiologia Plantarum</i> , 1997 , 100, 463-473	4.6	14
17	Low temperatures are required to induce the development of fertile flowers in transgenic male and female early flowering poplar (<i>Populus tremula</i> L.). <i>Tree Physiology</i> , 2016 , 36, 667-77	4.2	14
16	LEAFY activity is post-transcriptionally regulated by BLADE ON PETIOLE2 and CULLIN3 in Arabidopsis. <i>New Phytologist</i> , 2018 , 220, 579-592	9.8	13
15	Novel monomeric luciferase enzymes as tools to study plant gene regulation in vivo. <i>Luminescence</i> , 1990 , 5, 79-87		8

14	Transcriptome analysis of embryonic domains in Norway spruce reveals potential regulators of suspensor cell death. <i>PLoS ONE</i> , 2018 , 13, e0192945	3.7	8
13	Functional metabolomics as a tool to analyze Mediator function and structure in plants. <i>PLoS ONE</i> , 2017 , 12, e0179640	3.7	7
12	Phytochrome B and PHYTOCHROME INTERACTING FACTOR8 modulate seasonal growth in trees. <i>New Phytologist</i> , 2021 , 232, 2339-2352	9.8	6
11	Indole-3-acetic acid homeostasis in transgenic tobacco plants expressing the <i>Agrobacterium rhizogenes</i> rolB gene 1993 , 3, 681		5
10	Peptide encoding <i>Populus</i> CLV3/ESR-RELATED 47 (PttCLE47) promotes cambial development and secondary xylem formation in hybrid aspen. <i>New Phytologist</i> , 2020 , 226, 75-85	9.8	5
9	EU Regulations Impede Market Introduction of GM Forest Trees. <i>Trends in Plant Science</i> , 2016 , 21, 283-285.1		4
8	Certification for gene-edited forests. <i>Science</i> , 2019 , 365, 767-768	33.3	3
7	Plant evolution: measuring the length of the day. <i>Current Biology</i> , 2009 , 19, R302-3	6.3	2
6	A major locus controls local adaptation and adaptive life history variation in a perennial plant		2
5	Integrative Analysis of Three RNA Sequencing Methods Identifies Mutually Exclusive Exons of MADS-Box Isoforms During Early Bud Development in. <i>Frontiers in Plant Science</i> , 2018 , 9, 1625	6.2	2
4	GIGANTEA influences leaf senescence in trees in two different ways. <i>Plant Physiology</i> , 2021 , 187, 2435-2450	10.5	1
3	Acts in Leaves to Modulate the Timing of Growth Cessation and Bud Set.. <i>Frontiers in Plant Science</i> , 2022 , 13, 823019	6.2	0
2	Arabidopsis Research 2000. <i>Plant Cell</i> , 2000 , 12, 2302	11.6	
1	Variation in non-target traits in genetically modified hybrid aspens does not exceed natural variation. <i>New Biotechnology</i> , 2021 , 64, 27-36	6.4	