

Veronique Storme

List of Publications by Citations

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

47
papers

3,282
citations

27
h-index

50
g-index

50
ext. papers

3,976
ext. citations

7.3
avg, IF

4.47
L-index

#	Paper	IF	Citations
47	A molecular timetable for apical bud formation and dormancy induction in poplar. <i>Plant Cell</i> , 2007 , 19, 2370-90	11.6	362
46	Downregulation of cinnamoyl-coenzyme A reductase in poplar: multiple-level phenotyping reveals effects on cell wall polymer metabolism and structure. <i>Plant Cell</i> , 2007 , 19, 3669-91	11.6	280
45	A systems biology view of responses to lignin biosynthesis perturbations in Arabidopsis. <i>Plant Cell</i> , 2012 , 24, 3506-29	11.6	252
44	Dense genetic linkage maps of three Populus species (Populus deltoides, P. nigra and P. trichocarpa) based on AFLP and microsatellite markers. <i>Genetics</i> , 2001 , 158, 787-809	4	210
43	Lignin biosynthesis perturbations affect secondary cell wall composition and saccharification yield in Arabidopsis thaliana. <i>Biotechnology for Biofuels</i> , 2013 , 6, 46	7.8	194
42	Improved saccharification and ethanol yield from field-grown transgenic poplar deficient in cinnamoyl-CoA reductase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 845-50	11.5	155
41	GOLVEN secretory peptides regulate auxin carrier turnover during plant gravitropic responses. <i>Developmental Cell</i> , 2012 , 22, 678-85	10.2	145
40	High-level secretion and very efficient isotopic labeling of tick anticoagulant peptide (TAP) expressed in the methylotrophic yeast, Pichia pastoris. <i>Bio/technology</i> , 1994 , 12, 1119-24		143
39	Leaf responses to mild drought stress in natural variants of Arabidopsis. <i>Plant Physiology</i> , 2015 , 167, 800-16	6.6	124
38	Genetical metabolomics of flavonoid biosynthesis in Populus: a case study. <i>Plant Journal</i> , 2006 , 47, 224-379		122
37	Capturing the phosphorylation and protein interaction landscape of the plant TOR kinase. <i>Nature Plants</i> , 2019 , 5, 316-327	11.5	100
36	Engineering traditional monolignols out of lignin by concomitant up-regulation of F5H1 and down-regulation of COMT in Arabidopsis. <i>Plant Journal</i> , 2010 , 64, 885-97	6.9	99
35	Bud set in poplar--genetic dissection of a complex trait in natural and hybrid populations. <i>New Phytologist</i> , 2011 , 189, 106-21	9.8	97
34	Intraspecific and interspecific genetic and phylogenetic relationships in the genus Populus based on AFLP markers. <i>Theoretical and Applied Genetics</i> , 2005 , 111, 1440-56	6	94
33	Structure of the genetic diversity in black poplar (Populus nigra L.) populations across European river systems: Consequences for conservation and restoration. <i>Forest Ecology and Management</i> , 2008 , 255, 1388-1399	3.9	93
32	The ROS Wheel: Refining ROS Transcriptional Footprints. <i>Plant Physiology</i> , 2016 , 171, 1720-33	6.6	92
31	Identification of AFLP molecular markers for resistance against Melampsora larici-populina in Populus. <i>Theoretical and Applied Genetics</i> , 1996 , 93, 733-7	6	79

30	Ex-situ conservation of Black poplar in Europe: genetic diversity in nine gene bank collections and their value for nature development. <i>Theoretical and Applied Genetics</i> , 2004 , 108, 969-81	6	60
29	Altered expression of maize PLASTOCHRON1 enhances biomass and seed yield by extending cell division duration. <i>Nature Communications</i> , 2017 , 8, 14752	17.4	47
28	A Spatiotemporal DNA Endoploidy Map of the Arabidopsis Root Reveals Roles for the Endocycle in Root Development and Stress Adaptation. <i>Plant Cell</i> , 2018 , 30, 2330-2351	11.6	45
27	From network to phenotype: the dynamic wiring of an Arabidopsis transcriptional network induced by osmotic stress. <i>Molecular Systems Biology</i> , 2017 , 13, 961	12.2	41
26	The reduction in maize leaf growth under mild drought affects the transition between cell division and cell expansion and cannot be restored by elevated gibberellic acid levels. <i>Plant Biotechnology Journal</i> , 2018 , 16, 615-627	11.6	37
25	The Transcription Factor MYB29 Is a Regulator of. <i>Plant Physiology</i> , 2017 , 173, 1824-1843	6.6	36
24	Chloroplasts Are Central Players in Sugar-Induced Leaf Growth. <i>Plant Physiology</i> , 2016 , 171, 590-605	6.6	34
23	Postglacial migration of <i>Populus nigra</i> L.: lessons learnt from chloroplast DNA. <i>Forest Ecology and Management</i> , 2005 , 206, 71-90	3.9	31
22	Genomic regions involved in productivity of two interspecific poplar families in Europe. 1. Stem height, circumference and volume. <i>Tree Genetics and Genomes</i> , 2009 , 5, 147-164	2.1	30
21	Fine Mapping and Identification of Nucleotide Binding Site/Leucine-Rich Repeat Sequences at the MER Locus in <i>Populus deltoides</i> W9-2W. <i>Phytopathology</i> , 2001 , 91, 1069-73	3.8	29
20	Combining growth-promoting genes leads to positive epistasis in <i>Arabidopsis thaliana</i> . <i>ELife</i> , 2014 , 3, e02252	8.9	27
19	Transcriptional coordination between leaf cell differentiation and chloroplast development established by TCP20 and the subgroup Ib bHLH transcription factors. <i>Plant Molecular Biology</i> , 2014 , 85, 233-45	4.6	26
18	High-resolution time-resolved imaging of in vitro <i>Arabidopsis</i> rosette growth. <i>Plant Journal</i> , 2014 , 80, 172-84	6.9	26
17	Forever Young: The Role of Ubiquitin Receptor DA1 and E3 Ligase BIG BROTHER in Controlling Leaf Growth and Development. <i>Plant Physiology</i> , 2017 , 173, 1269-1282	6.6	24
16	Paternity analysis of <i>Populus nigra</i> L. offspring in a Belgian plantation of native and exotic poplars. <i>Annals of Forest Science</i> , 2006 , 63, 783-790	3.1	24
15	Plant cell wall profiling by fast maximum likelihood reconstruction (FMLR) and region-of-interest (ROI) segmentation of solution-state 2D 1H-13C NMR spectra. <i>Biotechnology for Biofuels</i> , 2013 , 6, 45	7.8	18
14	A user-friendly platform for yeast two-hybrid library screening using next generation sequencing. <i>PLoS ONE</i> , 2018 , 13, e0201270	3.7	17
13	The WranSeqV2 method for high-throughput transcriptomics and gene space refinement in plant genomes. <i>Plant Journal</i> , 2018 , 96, 223-232	6.9	15

12	Nonselective Chemical Inhibition of Sec7 Domain-Containing ARF GTPase Exchange Factors. <i>Plant Cell</i> , 2018 , 30, 2573-2593	11.6	12
11	Genomic regions involved in productivity of two interspecific poplar families in Europe. 2. Biomass production and its relationships with tree architecture and phenology. <i>Tree Genetics and Genomes</i> , 2010 , 6, 533-554	2.1	12
10	Integrative inference of transcriptional networks in Arabidopsis yields novel ROS signalling regulators. <i>Nature Plants</i> , 2021 , 7, 500-513	11.5	12
9	Natural Variation of Molecular and Morphological Gibberellin Responses. <i>Plant Physiology</i> , 2017 , 173, 703-714	6.6	10
8	Seedling developmental defects upon blocking CINNAMATE-4-HYDROXYLASE are caused by perturbations in auxin transport. <i>New Phytologist</i> , 2021 , 230, 2275-2291	9.8	10
7	Comparative transcriptomics enables the identification of functional orthologous genes involved in early leaf growth. <i>Plant Biotechnology Journal</i> , 2020 , 18, 553-567	11.6	9
6	Nanobody-Dependent Delocalization of Endocytic Machinery in Root Cells Dampens Their Internalization Capacity. <i>Frontiers in Plant Science</i> , 2021 , 12, 538580	6.2	3
5	Science, society and biosafety of a field trial with transgenic biofuel poplars. <i>BMC Proceedings</i> , 2011 , 5, 123	2.3	2
4	Emergent adaptive behaviour of GRN-controlled simulated robots in a changing environment. <i>PeerJ</i> , 2016 , 4, e2812	3.1	2
3	Nanobody-dependent delocalization of endocytic machinery in Arabidopsis root cells dampens their internalization capacity		1
2	Functional analysis of Arabidopsis and maize transgenic lines overexpressing the ADP-ribose/NADH pyrophosphohydrolase, AtNUDX7. <i>International Journal of Developmental Biology</i> , 2019 , 63, 45-55	1.9	0
1	Genetic Variability of Mature Root System Architecture and Genome-Wide Association Study.. <i>Frontiers in Plant Science</i> , 2021 , 12, 814110	6.2	0