Veronique Storme

List of Publications by Year in Descending Order

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	Genetic Variability of Mature Root System Architecture and Genome-Wide Association Study.. *Frontiers in Plant Science*, **2021**, 12, 814110	6.2	0
46	Nanobody-Dependent Delocalization of Endocytic Machinery in Root Cells Dampens Their Internalization Capacity. *Frontiers in Plant Science*, **2021**, 12, 538580	6.2	3
45	Integrative inference of transcriptional networks in Arabidopsis yields novel ROS signalling regulators. *Nature Plants*, **2021**, 7, 500-513	11.5	12
44	Seedling developmental defects upon blocking CINNAMATE-4-HYDROXYLASE are caused by perturbations in auxin transport. *New Phytologist*, **2021**, 230, 2275-2291	9.8	10
43	Comparative transcriptomics enables the identification of functional orthologous genes involved in early leaf growth. *Plant Biotechnology Journal*, **2020**, 18, 553-567	11.6	9
42	Capturing the phosphorylation and protein interaction landscape of the plant TOR kinase. *Nature Plants*, **2019**, 5, 316-327	11.5	100
41	Functional analysis of Arabidopsis and maize transgenic lines overexpressing the ADP-ribose/NADH pyrophosphohydrolase, AtNUDX7. *International Journal of Developmental Biology*, **2019**, 63, 45-55	1.9	0
40	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. *Plant Biotechnology Journal*, **2018**, 16, 615-627	11.6	37
39	The WTranSeqV3 wend sequencing method for high-throughput transcriptomics and gene space refinement in plant genomes. *Plant Journal*, **2018**, 96, 223-232	6.9	15
38	Nonselective Chemical Inhibition of Sec7 Domain-Containing ARF GTPase Exchange Factors. *Plant Cell*, **2018**, 30, 2573-2593	11.6	12
37	A Spatiotemporal DNA Endoploidy Map of the Arabidopsis Root Reveals Roles for the Endocycle in Root Development and Stress Adaptation. *Plant Cell*, **2018**, 30, 2330-2351	11.6	45
36	A user-friendly platform for yeast two-hybrid library screening using next generation sequencing. *PLoS ONE*, **2018**, 13, e0201270	3.7	17
35	The Transcription Factor MYB29 Is a Regulator of. *Plant Physiology*, **2017**, 173, 1824-1843	6.6	36
34	Altered expression of maize PLASTOCHRON1 enhances biomass and seed yield by extending cell division duration. *Nature Communications*, **2017**, 8, 14752	17.4	47
33	Forever Young: The Role of Ubiquitin Receptor DA1 and E3 Ligase BIG BROTHER in Controlling Leaf Growth and Development. *Plant Physiology*, **2017**, 173, 1269-1282	6.6	24
32	Natural Variation of Molecular and Morphological Gibberellin Responses. *Plant Physiology*, **2017**, 173, 703-714	6.6	10
31	From network to phenotype: the dynamic wiring of an Arabidopsis transcriptional network induced by osmotic stress. *Molecular Systems Biology*, **2017**, 13, 961	12.2	41

30	The ROS Wheel: Refining ROS Transcriptional Footprints. *Plant Physiology*, **2016**, 171, 1720-33	6.6	92
29	Emergent adaptive behaviour of GRN-controlled simulated robots in a changing environment. *PeerJ*, **2016**, 4, e2812	3.1	2
28	Chloroplasts Are Central Players in Sugar-Induced Leaf Growth. *Plant Physiology*, **2016**, 171, 590-605	6.6	34
27	Leaf responses to mild drought stress in natural variants of Arabidopsis. *Plant Physiology*, **2015**, 167, 800-16	6.6	124
26	Transcriptional coordination between leaf cell differentiation and chloroplast development established by TCP20 and the subgroup Ib bHLH transcription factors. *Plant Molecular Biology*, **2014** , 85, 233-45	4.6	26
25	High-resolution time-resolved imaging of in vitro Arabidopsis rosette growth. *Plant Journal*, **2014**, 80, 172-84	6.9	26
24	Improved saccharification and ethanol yield from field-grown transgenic poplar deficient in cinnamoyl-CoA reductase. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 845-50	11.5	155
23	Combining growth-promoting genes leads to positive epistasis in Arabidopsis thaliana. *ELife*, **2014**, 3, e02252	8.9	27
22	Lignin biosynthesis perturbations affect secondary cell wall composition and saccharification yield in Arabidopsis thaliana. *Biotechnology for Biofuels*, **2013**, 6, 46	7.8	194
21	Plant cell wall profiling by fast maximum likelihood reconstruction (FMLR) and region-of-interest (ROI) segmentation of solution-state 2D 1H-13C NMR spectra. *Biotechnology for Biofuels*, **2013**, 6, 45	7.8	18
20	A systems biology view of responses to lignin biosynthesis perturbations in Arabidopsis. *Plant Cell*, **2012**, 24, 3506-29	11.6	252
19	GOLVEN secretory peptides regulate auxin carrier turnover during plant gravitropic responses. *Developmental Cell*, **2012**, 22, 678-85	10.2	145
18	Bud set in poplar--genetic dissection of a complex trait in natural and hybrid populations. *New Phytologist*, **2011**, 189, 106-21	9.8	97
17	Science, society and biosafety of a field trial with transgenic biofuel poplars. *BMC Proceedings*, **2011** , 5, I23	2.3	2
16	Engineering traditional monolignols out of lignin by concomitant up-regulation of F5H1 and down-regulation of COMT in Arabidopsis. *Plant Journal*, **2010**, 64, 885-97	6.9	99
15	Genomic regions involved in productivity of two interspecific poplar families in Europe. 2. Biomass production and its relationships with tree architecture and phenology. *Tree Genetics and Genomes*, **2010**, 6, 533-554	2.1	12
14	Genomic regions involved in productivity of two interspecific poplar families in Europe. 1. Stem height, circumference and volume. *Tree Genetics and Genomes*, **2009**, 5, 147-164	2.1	30
13	Structure of the genetic diversity in black poplar (Populus nigra L.) populations across European river systems: Consequences for conservation and restoration. *Forest Ecology and Management*, **2008**, 255, 1388-1399	3.9	93

12	Downregulation of cinnamoyl-coenzyme A reductase in poplar: multiple-level phenotyping reveals effects on cell wall polymer metabolism and structure. *Plant Cell*, **2007**, 19, 3669-91	11.6	280
11	A molecular timetable for apical bud formation and dormancy induction in poplar. *Plant Cell*, **2007**, 19, 2370-90	11.6	362
10	Genetical metabolomics of flavonoid biosynthesis in Populus: a case study. *Plant Journal*, **2006**, 47, 224-37	6.9	122
9	Paternity analysis ofPopulus nigraL. offspring in a Belgian plantation of native and exotic poplars. *Annals of Forest Science*, **2006**, 63, 783-790	3.1	24
8	Postglacial migration of Populus nigra L.: lessons learnt from chloroplast DNA. *Forest Ecology and Management*, **2005**, 206, 71-90	3.9	31
7	Intraspecific and interspecific genetic and phylogenetic relationships in the genus Populus based on AFLP markers. *Theoretical and Applied Genetics*, **2005**, 111, 1440-56	6	94
6	Ex-situ conservation of Black poplar in Europe: genetic diversity in nine gene bank collections and their value for nature development. *Theoretical and Applied Genetics*, **2004**, 108, 969-81	6	60
5	Fine Mapping and Identification of Nucleotide Binding Site/Leucine-Rich Repeat Sequences at the MER Locus in Populus deltoides WS9-2W*Phytopathology*, **2001**, 91, 1069-73	3.8	29
4	Dense genetic linkage maps of three Populus species (Populus deltoides, P. nigra and P. trichocarpa) based on AFLP and microsatellite markers. *Genetics*, **2001**, 158, 787-809	4	210
3	Identification of AFLP molecular markers for resistance against Melampsora larici-populina in Populus. *Theoretical and Applied Genetics*, **1996**, 93, 733-7	6	79
2	High-level secretion and very efficient isotopic labeling of tick anticoagulant peptide (TAP) expressed in the methylotrophic yeast, Pichia pastoris. *Bio/technology*, **1994**, 12, 1119-24		143
1	Nanobody-dependent delocalization of endocytic machinery in Arabidopsis root cells dampens their internalization capacity		1