Antje Rohde

List of Publications by Year
in descending order

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36	8,613	201674	377865
papers	citations	27 h-index	34 g-index

37	37	37	9356
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	N-terminal truncated RHT-1 proteins generated by translational reinitiation cause semi-dwarfing of wheat Green Revolution alleles. Molecular Plant, 2021, 14, 679-687.	8.3	52
2	Overcoming challenges in variant calling: exploring sequence diversity in candidate genes for plant development in perennial ryegrass (Lolium perenne). DNA Research, 2019, 26, 1-12.	3.4	14
3	The transcriptional landscape of polyploid wheat. Science, 2018, 361, .	12.6	768
4	Shifting the limits in wheat research and breeding using a fully annotated reference genome. Science, 2018, 361, .	12.6	2,424
5	A Flowering Locus C Homolog Is a Vernalization-Regulated Repressor in Brachypodium and Is Cold Regulated in Wheat. Plant Physiology, 2017, 173, 1301-1315.	4.8	78
6	Exploiting DELLA Signaling in Cereals. Trends in Plant Science, 2017, 22, 880-893.	8.8	115
7	Differential coupling of gibberellin responses byRht-B1csuppressor alleles andRht-B1bin wheat highlights a unique role for the DELLA N-terminus in dormancy. Journal of Experimental Botany, 2017, 68, erw471.	4.8	25
8	Exploiting the Repetitive Fraction of the Wheat Genome for Highâ€Throughput Singleâ€Nucleotide Polymorphism Discovery and Genotyping. Plant Genome, 2016, 9, plantgenome2015.09.0078.	2.8	13
9	High-throughput phenotyping of lateral expansion and regrowth of spaced Lolium perenne plants using on-field image analysis. Plant Methods, 2016, 12, 32.	4.3	20
10	Processes underlying branching differences in fodder crops. Euphytica, 2014, 195, 301-313.	1.2	9
11	Epigenetic regulation of adaptive responses of forest tree species to the environment. Ecology and Evolution, 2013, 3, 399-415.	1.9	271
12	Orthology <scp>G</scp>uided <scp>A</scp>ssembly in highly heterozygous crops: creating a reference transcriptome to uncover genetic diversity in <scp>L</scp>olium perenne. Plant Biotechnology Journal, 2013, 11, 605-617.	8.3	23
13	A Systems Biology View of Responses to Lignin Biosynthesis Perturbations inArabidopsisÂ. Plant Cell, 2012, 24, 3506-3529.	6.6	321
14	Bud set in poplar â€“ genetic dissection of a complex trait in natural and hybrid populations. New Phytologist, 2011, 189, 106-121.	7.3	125
15	Temperature signals contribute to the timing of photoperiodic growth cessation and bud set in poplar. Tree Physiology, 2011, 31, 472-482.	3.1	138
16	Morphological and Molecular Diversity of Branching in Red Clover (Trifolium pratense). , 2010, , 73-77.		5
17	Phenotypic Assessment of Variability in Tillering and Early Development in Ryegrass (Lolium spp.). , 2010, , 155-160.		6
18	Engineering traditional monolignols out of lignin by concomitant up-regulation of F5H1 and down-regulation of COMT in Arabidopsis. Plant Journal, 2010, 64, 885-897.	5.7	114

#	Article	IF	Citations
19	Circadian Clock Components Regulate Entry and Affect Exit of Seasonal Dormancy as Well as Winter Hardiness in Populus Trees Â Â. Plant Physiology, 2010, 153, 1823-1833.	4.8	149
20	Flowering-time genes modulate meristem determinacy and growth form in Arabidopsis thaliana. Nature Genetics, 2008, 40, 1489-1492.	21.4	353
21	Remembrances of an embryo: longâ€term effects on phenology traits in spruce. New Phytologist, 2008, 177, 2-5.	7.3	60
22	A Molecular Timetable for Apical Bud Formation and Dormancy Induction in Poplar. Plant Cell, 2007, 19, 2370-2390.	6.6	436
23	Gene expression during the induction, maintenance, and release of dormancy in apical buds of poplar. Journal of Experimental Botany, 2007, 58, 4047-4060.	4.8	112
24	Plant dormancy in the perennial context. Trends in Plant Science, 2007, 12, 217-223.	8.8	553
25	Molecular phenotyping of ligninâ€modified tobacco reveals associated changes in cellâ€wall metabolism, primary metabolism, stress metabolism and photorespiration. Plant Journal, 2007, 52, 263-285.	5.7	161
26	Molecular Phenotyping of the pal1 and pal2 Mutants of Arabidopsis thaliana Reveals Far-Reaching Consequences on Phenylpropanoid, Amino Acid, and Carbohydrate Metabolism. Plant Cell, 2004, 16, 2749-2771.	6.6	367
27	Genome-Wide Characterization of the Lignification Toolbox in Arabidopsis Â. Plant Physiology, 2003, 133, 1051-1071.	4.8	689
28	PtABI3 Impinges on the Growth and Differentiation of Embryonic Leaves during Bud Set in Poplar. Plant Cell, 2002, 14, 1885-1901.	6.6	188
29	The syringaldazine-oxidizing peroxidase PXP 3-4 from poplar xylem: cDNA isolation, characterization and expression. Plant Molecular Biology, 2001, 47, 581-593.	3.9	46
30	ABI3 Affects Plastid Differentiation in Dark-Grown Arabidopsis Seedlings. Plant Cell, 2000, 12, 35-52.	6.6	89
31	ABI3 emerges from the seed. Trends in Plant Science, 2000, 5, 418-419.	8.8	91
32	Quantitative Trait Loci and Candidate Gene Mapping of Bud Set and Bud Flush in Populus. Genetics, 2000, 154, 837-845.	2.9	245
33	The ABSCISIC ACID-INSENSITIVE 3 (ABI3) gene is expressed during vegetative quiescence processes in Arabidopsis. Plant, Cell and Environment, 1999, 22, 261-270.	5.7	84
34	carpel, a New Arabidopsis Epi-Mutant of the SUPERMAN Gene: Phenotypic Analysis and DNA Methylation Status. Plant and Cell Physiology, 1999, 40, 961-972.	3.1	20
35	Gene discovery in the wood-forming tissues of poplar: Analysis of 5,692 expressed sequence tags. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13330-13335.	7.1	409
36	Factors regulating the expression of cell cycle genes in individual buds ofPopulus. Planta, 1997, 201, 43-52.	3.2	40