

Antje Rohde

List of Publications by Year in descending order

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36
papers

8,613
citations

201674

27
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

9356
citing authors

#	ARTICLE	IF	CITATIONS
1	Shifting the limits in wheat research and breeding using a fully annotated reference genome. <i>Science</i> , 2018, 361, .	12.6	2,424
2	The transcriptional landscape of polyploid wheat. <i>Science</i> , 2018, 361, .	12.6	768
3	Genome-Wide Characterization of the Lignification Toolbox in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2003, 133, 1051-1071.	4.8	689
4	Plant dormancy in the perennial context. <i>Trends in Plant Science</i> , 2007, 12, 217-223.	8.8	553
5	A Molecular Timetable for Apical Bud Formation and Dormancy Induction in Poplar. <i>Plant Cell</i> , 2007, 19, 2370-2390.	6.6	436
6	Gene discovery in the wood-forming tissues of poplar: Analysis of 5,692 expressed sequence tags. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13330-13335.	7.1	409
7	Molecular Phenotyping of the <i>pal1</i> and <i>pal2</i> Mutants of <i>Arabidopsis thaliana</i> Reveals Far-Reaching Consequences on Phenylpropanoid, Amino Acid, and Carbohydrate Metabolism. <i>Plant Cell</i> , 2004, 16, 2749-2771.	6.6	367
8	Flowering-time genes modulate meristem determinacy and growth form in <i>Arabidopsis thaliana</i> . <i>Nature Genetics</i> , 2008, 40, 1489-1492.	21.4	353
9	A Systems Biology View of Responses to Lignin Biosynthesis Perturbations in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 3506-3529.	6.6	321
10	Epigenetic regulation of adaptive responses of forest tree species to the environment. <i>Ecology and Evolution</i> , 2013, 3, 399-415.	1.9	271
11	Quantitative Trait Loci and Candidate Gene Mapping of Bud Set and Bud Flush in <i>Populus</i> . <i>Genetics</i> , 2000, 154, 837-845.	2.9	245
12	<i>PtABI3</i> Impinges on the Growth and Differentiation of Embryonic Leaves during Bud Set in Poplar. <i>Plant Cell</i> , 2002, 14, 1885-1901.	6.6	188
13	Molecular phenotyping of lignin-modified tobacco reveals associated changes in cell wall metabolism, primary metabolism, stress metabolism and photorespiration. <i>Plant Journal</i> , 2007, 52, 263-285.	5.7	161
14	Circadian Clock Components Regulate Entry and Affect Exit of Seasonal Dormancy as Well as Winter Hardiness in <i>Populus</i> Trees. <i>Plant Physiology</i> , 2010, 153, 1823-1833.	4.8	149
15	Temperature signals contribute to the timing of photoperiodic growth cessation and bud set in poplar. <i>Tree Physiology</i> , 2011, 31, 472-482.	3.1	138
16	Bud set in poplar – genetic dissection of a complex trait in natural and hybrid populations. <i>New Phytologist</i> , 2011, 189, 106-121.	7.3	125
17	Exploiting DELLA Signaling in Cereals. <i>Trends in Plant Science</i> , 2017, 22, 880-893.	8.8	115
18	Engineering traditional monolignols out of lignin by concomitant up-regulation of F5H1 and down-regulation of COMT in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2010, 64, 885-897.	5.7	114

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19	Gene expression during the induction, maintenance, and release of dormancy in apical buds of poplar. <i>Journal of Experimental Botany</i> , 2007, 58, 4047-4060.	4.8	112
20	ABI3 emerges from the seed. <i>Trends in Plant Science</i> , 2000, 5, 418-419.	8.8	91
21	ABI3 Affects Plastid Differentiation in Dark-Grown Arabidopsis Seedlings. <i>Plant Cell</i> , 2000, 12, 35-52.	6.6	89
22	The ABSCISIC ACID-INSENSITIVE 3 (ABI3) gene is expressed during vegetative quiescence processes in Arabidopsis. <i>Plant, Cell and Environment</i> , 1999, 22, 261-270.	5.7	84
23	A Flowering Locus C Homolog Is a Vernalization-Regulated Repressor in <i>Brachypodium</i> and Is Cold Regulated in Wheat. <i>Plant Physiology</i> , 2017, 173, 1301-1315.	4.8	78
24	Remembrances of an embryo: long-term effects on phenology traits in spruce. <i>New Phytologist</i> , 2008, 177, 2-5.	7.3	60
25	N-terminal truncated RHT-1 proteins generated by translational reinitiation cause semi-dwarfing of wheat Green Revolution alleles. <i>Molecular Plant</i> , 2021, 14, 679-687.	8.3	52
26	The syringaldazine-oxidizing peroxidase PXP 3-4 from poplar xylem: cDNA isolation, characterization and expression. <i>Plant Molecular Biology</i> , 2001, 47, 581-593.	3.9	46
27	Factors regulating the expression of cell cycle genes in individual buds of <i>Populus</i> . <i>Planta</i> , 1997, 201, 43-52.	3.2	40
28	Differential coupling of gibberellin responses by <i>Rht-B1c</i> suppressor alleles and <i>Rht-B1b</i> in wheat highlights a unique role for the DELLA N-terminus in dormancy. <i>Journal of Experimental Botany</i> , 2017, 68, erw471.	4.8	25
29	Orthology-guided assembly in highly heterozygous crops: creating a reference transcriptome to uncover genetic diversity in <i>Lolium perenne</i> . <i>Plant Biotechnology Journal</i> , 2013, 11, 605-617.	8.3	23
30	carpel, a New Arabidopsis Epi-Mutant of the SUPERMAN Gene: Phenotypic Analysis and DNA Methylation Status. <i>Plant and Cell Physiology</i> , 1999, 40, 961-972.	3.1	20
31	High-throughput phenotyping of lateral expansion and regrowth of spaced <i>Lolium perenne</i> plants using on-field image analysis. <i>Plant Methods</i> , 2016, 12, 32.	4.3	20
32	Overcoming challenges in variant calling: exploring sequence diversity in candidate genes for plant development in perennial ryegrass (<i>Lolium perenne</i>). <i>DNA Research</i> , 2019, 26, 1-12.	3.4	14
33	Exploiting the Repetitive Fraction of the Wheat Genome for High-Throughput Single-Nucleotide Polymorphism Discovery and Genotyping. <i>Plant Genome</i> , 2016, 9, plantgenome2015.09.0078.	2.8	13
34	Processes underlying branching differences in fodder crops. <i>Euphytica</i> , 2014, 195, 301-313.	1.2	9
35	Phenotypic Assessment of Variability in Tillering and Early Development in Ryegrass (<i>Lolium</i> spp.), 2010, , 155-160.		6
36	Morphological and Molecular Diversity of Branching in Red Clover (<i>Trifolium pratense</i>). , 2010, , 73-77.		5