

Andrew L Phillips

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

4,920
citations

394421

19
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

5974
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping sites of gibberellin biosynthesis in the Arabidopsis root tip. <i>New Phytologist</i> , 2021, 229, 1521-1534.	7.3	34
2	Nitrate signaling promotes plant growth by upregulating gibberellin biosynthesis and destabilization of DELLA proteins. <i>Current Biology</i> , 2021, 31, 4971-4982.e4.	3.9	25
3	Misexpression of a transcriptional repressor candidate provides a molecular mechanism for the suppression of awns by Tipped 1 in wheat. <i>Journal of Experimental Botany</i> , 2020, 71, 3428-3436.	4.8	12
4	An improved assembly and annotation of the allohexaploid wheat genome identifies complete families of agronomic genes and provides genomic evidence for chromosomal translocations. <i>Genome Research</i> , 2017, 27, 885-896.	5.5	464
5	<i>mlo</i> -based powdery mildew resistance in hexaploid bread wheat generated by a non-transgenic TILLING approach. <i>Plant Biotechnology Journal</i> , 2017, 15, 367-378.	8.3	163
6	Characterization of a Wheat Breeders' Array suitable for high-throughput SNP genotyping of global accessions of hexaploid bread wheat (<i>Triticum aestivum</i>). <i>Plant Biotechnology Journal</i> , 2017, 15, 390-401.	8.3	334
7	Dioxygenase-encoding <i>AtDAO1</i> gene controls IAA oxidation and homeostasis in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11016-11021.	7.1	162
8	Mutation Scanning in Wheat by Exon Capture and Next-Generation Sequencing. <i>PLoS ONE</i> , 2015, 10, e0137549.	2.5	65
9	Heterologous expression and transcript analysis of gibberellin biosynthetic genes of grasses reveals novel functionality in the GA3ox family. <i>BMC Plant Biology</i> , 2015, 15, 130.	3.6	115
10	DELLA activity is required for successful pollen development in the Columbia ecotype of Arabidopsis. <i>New Phytologist</i> , 2014, 201, 825-836.	7.3	76
11	The role of gibberellin signalling in plant responses to abiotic stress. <i>Journal of Experimental Biology</i> , 2014, 217, 67-75.	1.7	779
12	The involvement of gibberellin signalling in the effect of soil resistance to root penetration on leaf elongation and tiller number in wheat. <i>Plant and Soil</i> , 2013, 371, 81-94.	3.7	43
13	Analysis of the Developmental Roles of the <i>Arabidopsis</i> Gibberellin 20-Oxidases Demonstrates That <i>GA20ox1</i> , <i>GA20ox2</i> , and <i>GA20ox3</i> Are the Dominant Paralogs. <i>Plant Cell</i> , 2012, 24, 941-960.	6.6	172
14	Molecular Characterization of <i>Rht-1</i> Dwarfing Genes in Hexaploid Wheat. <i>Plant Physiology</i> , 2011, 157, 1820-1831.	4.8	266
15	Gibberellin 3-oxidases in developing embryos of the southern wild cucumber, <i>Marah macrocarpus</i> . <i>Phytochemistry</i> , 2010, 71, 2010-2018.	2.9	24
16	The gibberellin biosynthetic genes <i>AtGA20ox1</i> and <i>AtGA20ox2</i> act, partially redundantly, to promote growth and development throughout the Arabidopsis life cycle. <i>Plant Journal</i> , 2008, 53, 488-504.	5.7	333
17	Genetic Analysis Reveals That C19-GA 2-Oxidation Is a Major Gibberellin Inactivation Pathway in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2008, 20, 2420-2436.	6.6	269
18	Transcriptional Regulation of Gibberellin Metabolism Genes by Auxin Signaling in Arabidopsis. <i>Plant Physiology</i> , 2006, 142, 553-563.	4.8	255

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19	The Gibberellin Pathway Mediates KNOTTED1-Type Homeobox Function in Plants with Different Body Plans. <i>Current Biology</i> , 2002, 12, 1557-1565.	3.9	399
20	Gibberellin metabolism: new insights revealed by the genes. <i>Trends in Plant Science</i> , 2000, 5, 523-530.	8.8	908