

# Andrew L Phillips

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5461846/publications.pdf>

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	Gibberellin metabolism: new insights revealed by the genes. <i>Trends in Plant Science</i> , 2000, 5, 523-530.	8.8	908
2	The role of gibberellin signalling in plant responses to abiotic stress. <i>Journal of Experimental Biology</i> , 2014, 217, 67-75.	1.7	779
3	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
4	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
5	Characterization of a Wheat Breedersâ€™ 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
6	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
7	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
8	Molecular Characterization of <i>Rht-1</i> Dwarfing Genes in Hexaploid Wheat. <i>Plant Physiology</i> , 2011, 157, 1820-1831.	4.8	266
9	Transcriptional Regulation of Gibberellin Metabolism Genes by Auxin Signaling in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2006, 142, 553-563.	4.8	255
10	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
11	<i>mlo</i> -based powdery mildew resistance in hexaploid bread wheat generated by a non-transgenic <i>TILLING</i> approach. <i>Plant Biotechnology Journal</i> , 2017, 15, 367-378.	8.3	163
12	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
13	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
14	DELLA activity is required for successful pollen development in the Columbia ecotype of <i>Arabidopsis</i> . <i>New Phytologist</i> , 2014, 201, 825-836.	7.3	76
15	Mutation Scanning in Wheat by Exon Capture and Next-Generation Sequencing. <i>PLoS ONE</i> , 2015, 10, e0137549.	2.5	65
16	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
17	Mapping sites of gibberellin biosynthesis in the <i>Arabidopsis</i> root tip. <i>New Phytologist</i> , 2021, 229, 1521-1534.	7.3	34
18	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

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19	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
20	Misexpression of a transcriptional repressor candidate provides a molecular mechanism for the suppression of awns by <i>Tipped 1</i> in wheat. <i>Journal of Experimental Botany</i> , 2020, 71, 3428-3436.	4.8	12