

# Michael J Prigge

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

5,855  
citations

279487

23  
h-index

642321

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

6782  
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Physcomitrella</i> Genome Reveals Evolutionary Insights into the Conquest of Land by Plants. <i>Science</i> , 2008, 319, 64-69.	6.0	1,712
2	The <i>Selaginella</i> Genome Identifies Genetic Changes Associated with the Evolution of Vascular Plants. <i>Science</i> , 2011, 332, 960-963.	6.0	794
3	Class III Homeodomain-Leucine Zipper Gene Family Members Have Overlapping, Antagonistic, and Distinct Roles in <i>Arabidopsis</i> Development. <i>Plant Cell</i> , 2005, 17, 61-76.	3.1	650
4	Complex regulation of the TIR1/AFB family of auxin receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22540-22545.	3.3	403
5	REVOLUTA regulates meristem initiation at lateral positions. <i>Plant Journal</i> , 2001, 25, 223-236.	2.8	383
6	The <i>TRANSPORT INHIBITOR RESPONSE2</i> Gene Is Required for Auxin Synthesis and Diverse Aspects of Plant Development. <i>Plant Physiology</i> , 2009, 151, 168-179.	2.3	185
7	The <i>Arabidopsis</i> <i>SERRATE</i> Gene Encodes a Zinc-Finger Protein Required for Normal Shoot Development. <i>Plant Cell</i> , 2001, 13, 1263-1280.	3.1	167
8	Two Cap-Binding Proteins CBP20 and CBP80 are Involved in Processing Primary MicroRNAs. <i>Plant and Cell Physiology</i> , 2008, 49, 1634-1644.	1.5	164
9	The <i>Arabidopsis</i> <i>SERRATE</i> Gene Encodes a Zinc-Finger Protein Required for Normal Shoot Development. <i>Plant Cell</i> , 2001, 13, 1263-1280.	3.1	162
10	Constitutive auxin response in <i>Physcomitrella</i> reveals complex interactions between Aux/IAA and ARF proteins. <i>ELife</i> , 2016, 5, .	2.8	144
11	<i>Physcomitrella patens</i> Auxin-Resistant Mutants Affect Conserved Elements of an Auxin-Signaling Pathway. <i>Current Biology</i> , 2010, 20, 1907-1912.	1.8	142
12	CORONA, a Member of the Class III Homeodomain Leucine Zipper Gene Family in <i>Arabidopsis</i> , Regulates Stem Cell Specification and Organogenesis. <i>Plant Cell</i> , 2005, 17, 691-704.	3.1	139
13	Evolution of the class III HD-Zip gene family in land plants. <i>Evolution &amp; Development</i> , 2006, 8, 350-361.	1.1	131
14	Evolutionary crossroads in developmental biology: <i>Physcomitrella patens</i> . <i>Development (Cambridge)</i> , 2010, 137, 3535-3543.	1.2	120
15	Genetic analysis of the <i>Arabidopsis</i> TIR1/AFB auxin receptors reveals both overlapping and specialized functions. <i>ELife</i> , 2020, 9, .	2.8	115
16	The <i>Arabidopsis</i> Auxin Receptor F-Box Proteins AFB4 and AFB5 Are Required for Response to the Synthetic Auxin Picloram. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1383-1390.	0.8	89
17	Untethering the TIR1 auxin receptor from the SCF complex increases its stability and inhibits auxin response. <i>Nature Plants</i> , 2015, 1, .	4.7	80
18	Mutations in the TIR1 Auxin Receptor That Increase Affinity for Auxin/Indole-3-Acetic Acid Proteins Result in Auxin Hypersensitivity. <i>Plant Physiology</i> , 2013, 162, 295-303.	2.3	57

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19	Dual Role of Auxin in Regulating Plant Defense and Bacterial Virulence Gene Expression During <i>Pseudomonas syringae</i> PtoDC3000 Pathogenesis. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 1059-1071.	1.4	48
20	The pea branching RMS2 gene encodes the PsAFB4/5 auxin receptor and is involved in an auxin-strigolactone regulation loop. <i>PLoS Genetics</i> , 2017, 13, e1007089.	1.5	45
21	The cyclophilin DIAGEOTROPICA has a conserved role in auxin signaling. <i>Development (Cambridge)</i> , 2012, 139, 1115-1124.	1.2	44
22	<i>Arabidopsis</i> ROOT UVB SENSITIVE2/WEAK AUXIN RESPONSE1 Is Required for Polar Auxin Transport. <i>Plant Cell</i> , 2010, 22, 1749-1761.	3.1	40
23	<i>REVOLUTA</i> regulates meristem initiation at lateral positions. <i>Plant Journal</i> , 2001, 25, 223-236.	2.8	34
24	Mutations in the gene encoding Aminodeoxychorismate Synthase confer auxotrophic phenotypes. <i>MicroPublication Biology</i> , 2021, 2021, .	0.1	0