

# Colleen P Macmillan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8901746/publications.pdf>

Version: 2024-02-01

17  
papers

1,129  
citations

687363

13  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1647  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>GAMYB-like</i> Genes, Flowering, and Gibberellin Signaling in Arabidopsis. <i>Plant Physiology</i> , 2001, 127, 1682-1693.	4.8	291
2	Fasciclin-like arabinogalactan proteins: specialization for stem biomechanics and cell wall architecture in Arabidopsis and Eucalyptus. <i>Plant Journal</i> , 2010, 62, 689-703.	5.7	289
3	<i>Rht18</i> Semidwarfism in Wheat Is Due to Increased <i>GA 2-oxidaseA9</i> Expression and Reduced GA Content. <i>Plant Physiology</i> , 2018, 177, 168-180.	4.8	128
4	$\beta$ -tubulin affects cellulose microfibril orientation in plant secondary fibre cell walls. <i>Plant Journal</i> , 2007, 51, 717-726.	5.7	76
5	The fasciclin-like arabinogalactan protein family of <i>Eucalyptus grandis</i> contains members that impact wood biology and biomechanics. <i>New Phytologist</i> , 2015, 206, 1314-1327.	7.3	59
6	Flowering of the Grass <i>Lolium perenne</i> . Effects of Vernalization and Long Days on Gibberellin Biosynthesis and Signaling. <i>Plant Physiology</i> , 2005, 138, 1794-1806.	4.8	54
7	Tissue and cell-specific transcriptomes in cotton reveal the subtleties of gene regulation underlying the diversity of plant secondary cell walls. <i>BMC Genomics</i> , 2017, 18, 539.	2.8	38
8	Selective Deactivation of Gibberellins below the Shoot Apex is Critical to Flowering but Not to Stem Elongation of <i>Lolium</i> . <i>Molecular Plant</i> , 2008, 1, 295-307.	8.3	31
9	The Arabidopsis wood model—the case for the inflorescence stem. <i>Plant Science</i> , 2013, 210, 193-205.	3.6	30
10	Fasciclin-Like Arabinogalactan-Protein 16 (FLA16) Is Required for Stem Development in Arabidopsis. <i>Frontiers in Plant Science</i> , 2020, 11, 615392.	3.6	28
11	FLA11 and FLA12 glycoproteins fine-tune stem secondary wall properties in response to mechanical stresses. <i>New Phytologist</i> , 2022, 233, 1750-1767.	7.3	27
12	Association of allelic variation in xylem genes with wood properties in <i>Eucalyptus nitens</i> . <i>Australian Forestry</i> , 2010, 73, 259-264.	0.9	24
13	A survey of the natural variation in biomechanical and cell wall properties in inflorescence stems reveals new insights into the utility of Arabidopsis as a wood model. <i>Functional Plant Biology</i> , 2013, 40, 662.	2.1	21
14	Seeing and Overcoming the Complexities of Intersectionality. <i>Challenges</i> , 2021, 12, 5.	1.7	12
15	<i>Arabidopsis</i> <i>DEFECTIVE KERNEL1</i> regulates cell wall composition and axial growth in the inflorescence stem. <i>Plant Direct</i> , 2017, 1, e00027.	1.9	8
16	Cotton Breeding in Australia: Meeting the Challenges of the 21st Century. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	7
17	Lignin Deposition in Cotton Cells ? Where is the lignin?. <i>Journal of Plant Biochemistry &amp; Physiology</i> , 2016, 1, .	0.5	6