

Colleen P Macmillan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,129
citations

687363

13
h-index

888059

17
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19
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19
docs citations

19
times ranked

1647
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Cotton Breeding in Australia: Meeting the Challenges of the 21st Century. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	7
3	Seeing and Overcoming the Complexities of Intersectionality. <i>Challenges</i> , 2021, 12, 5.	1.7	12
4	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
5	<i>Rht18</i> Semidwarfism in Wheat Is Due to Increased <i>GA 2-oxidase9</i> Expression and Reduced GA Content. <i>Plant Physiology</i> , 2018, 177, 168-180.	4.8	128
6	<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
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	Lignin Deposition in Cotton Cells ? Where is the lignin?. <i>Journal of Plant Biochemistry & Physiology</i> , 2016, 1, .	0.5	6
9	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
10	The Arabidopsis wood model—the case for the inflorescence stem. <i>Plant Science</i> , 2013, 210, 193-205.	3.6	30
11	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
12	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
13	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
14	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
15	β -tubulin affects cellulose microfibril orientation in plant secondary fibre cell walls. <i>Plant Journal</i> , 2007, 51, 717-726.	5.7	76
16	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
17	<i>GAMYB-like</i> Genes, Flowering, and Gibberellin Signaling in Arabidopsis. <i>Plant Physiology</i> , 2001, 127, 1682-1693.	4.8	291