

# Steven G Hussey

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,306  
citations

687363

13  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2354  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eucalyptus grandis AUX/INDOLE-3-ACETIC ACID 13 (EgriAA13) is a novel transcriptional regulator of xylogenesis. Plant Molecular Biology, 2022, , 1.	3.9	3
2	Transcriptional regulation of secondary cell wall formation and lignification. Advances in Botanical Research, 2022, , 317-361.	1.1	4
3	Vegetative desiccation tolerance in the resurrection plant <i>Xerophyta humilis</i> has not evolved through reactivation of the seed canonical LAFL regulatory network. Plant Journal, 2020, 101, 1349-1367.	5.7	19
4	Microanalytical techniques for phenotyping secondary xylem. IAWA Journal, 2020, 41, 356-389.	2.7	4
5	Plant Biosystems Design Research Roadmap 1.0. Biodesign Research, 2020, 2020, .	1.9	16
6	Analysis of Orthologous SECONDARY WALL-ASSOCIATED NAC DOMAIN1 (SND1) Promotor Activity in Herbaceous and Woody Angiosperms. International Journal of Molecular Sciences, 2019, 20, 4623.	4.1	2
7	Systems and Synthetic Biology of Forest Trees: A Bioengineering Paradigm for Woody Biomass Feedstocks. Frontiers in Plant Science, 2019, 10, 775.	3.6	17
8	Identification and functional evaluation of accessible chromatin associated with wood formation in <i>Eucalyptus grandis</i> . New Phytologist, 2019, 223, 1937-1951.	7.3	10
9	A Standardized Synthetic <i>Eucalyptus</i> Transcription Factor and Promoter Panel for Re-engineering Secondary Cell Wall Regulation in Biomass and Bioenergy Crops. ACS Synthetic Biology, 2019, 8, 463-465.	3.8	15
10	Genomewide analysis of the lateral organ boundaries domain gene family in <i>Eucalyptus grandis</i> reveals members that differentially impact secondary growth. Plant Biotechnology Journal, 2018, 16, 124-136.	8.3	44
11	Temporal analysis of Arabidopsis genes activated by Eucalyptus grandis NAC transcription factors associated with xylem fibre and vessel development. Scientific Reports, 2018, 8, 10983.	3.3	16
12	Integrated analysis and transcript abundance modelling of H3K4me3 and H3K27me3 in developing secondary xylem. Scientific Reports, 2017, 7, 3370.	3.3	32
13	Evolutionary Histories of Gene Families in Angiosperm Trees. Plant Genetics and Genomics: Crops and Models, 2016, , 121-137.	0.3	0
14	Genome-wide mapping of histone H3 lysine 4 trimethylation in Eucalyptus grandis developing xylem. BMC Plant Biology, 2015, 15, 117.	3.6	26
15	Structural, evolutionary and functional analysis of the <i>NAC</i> domain protein family in <i>Eucalyptus</i> . New Phytologist, 2015, 206, 1337-1350.	7.3	69
16	The genome of Eucalyptus grandis. Nature, 2014, 510, 356-362.	27.8	725
17	Navigating the transcriptional roadmap regulating plant secondary cell wall deposition. Frontiers in Plant Science, 2013, 4, 325.	3.6	124
18	SND2, a NAC transcription factor gene, regulates genes involved in secondary cell wall development in Arabidopsis fibres and increases fibre cell area in Eucalyptus. BMC Plant Biology, 2011, 11, 173.	3.6	164

#	ARTICLE	IF	CITATIONS
19	Characterising the role of the Eucalyptus grandis SND2promoter in secondary cell wall biosynthesis. BMC Proceedings, 2011, 5, .	1.6	2
20	The role of SND2 in the regulation of Arabidopsis fibre secondary cell wall formation. BMC Proceedings, 2011, 5, .	1.6	14