

# 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	The genome of <i>Eucalyptus grandis</i> . <i>Nature</i> , 2014, 510, 356-362.	27.8	725
2	SND2, a NAC transcription factor gene, regulates genes involved in secondary cell wall development in <i>Arabidopsis</i> fibres and increases fibre cell area in <i>Eucalyptus</i> . <i>BMC Plant Biology</i> , 2011, 11, 173.	3.6	164
3	Navigating the transcriptional roadmap regulating plant secondary cell wall deposition. <i>Frontiers in Plant Science</i> , 2013, 4, 325.	3.6	124
4	Structural, evolutionary and functional analysis of the NAC domain protein family in <i>Eucalyptus</i> . <i>New Phytologist</i> , 2015, 206, 1337-1350.	7.3	69
5	Genomewide analysis of the lateral organ boundaries domain gene family in <i>Eucalyptus grandis</i> reveals members that differentially impact secondary growth. <i>Plant Biotechnology Journal</i> , 2018, 16, 124-136.	8.3	44
6	Integrated analysis and transcript abundance modelling of H3K4me3 and H3K27me3 in developing secondary xylem. <i>Scientific Reports</i> , 2017, 7, 3370.	3.3	32
7	Genome-wide mapping of histone H3 lysine 4 trimethylation in <i>Eucalyptus grandis</i> developing xylem. <i>BMC Plant Biology</i> , 2015, 15, 117.	3.6	26
8	Vegetative desiccation tolerance in the resurrection plant <i>Xerophyta humilis</i> has not evolved through reactivation of the seed canonical LAFL regulatory network. <i>Plant Journal</i> , 2020, 101, 1349-1367.	5.7	19
9	Systems and Synthetic Biology of Forest Trees: A Bioengineering Paradigm for Woody Biomass Feedstocks. <i>Frontiers in Plant Science</i> , 2019, 10, 775.	3.6	17
10	Temporal analysis of <i>Arabidopsis</i> genes activated by <i>Eucalyptus grandis</i> NAC transcription factors associated with xylem fibre and vessel development. <i>Scientific Reports</i> , 2018, 8, 10983.	3.3	16
11	Plant Biosystems Design Research Roadmap 1.0. <i>Biodesign Research</i> , 2020, 2020, .	1.9	16
12	A Standardized Synthetic <i>Eucalyptus</i> Transcription Factor and Promoter Panel for Re-engineering Secondary Cell Wall Regulation in Biomass and Bioenergy Crops. <i>ACS Synthetic Biology</i> , 2019, 8, 463-465.	3.8	15
13	The role of SND2 in the regulation of <i>Arabidopsis</i> fibre secondary cell wall formation. <i>BMC Proceedings</i> , 2011, 5, .	1.6	14
14	Identification and functional evaluation of accessible chromatin associated with wood formation in <i>Eucalyptus grandis</i> . <i>New Phytologist</i> , 2019, 223, 1937-1951.	7.3	10
15	Microanalytical techniques for phenotyping secondary xylem. <i>IAWA Journal</i> , 2020, 41, 356-389.	2.7	4
16	Transcriptional regulation of secondary cell wall formation and lignification. <i>Advances in Botanical Research</i> , 2022, , 317-361.	1.1	4
17	<i>Eucalyptus grandis</i> AUX/INDOLE-3-ACETIC ACID 13 (EgrIAA13) is a novel transcriptional regulator of xylogenesis. <i>Plant Molecular Biology</i> , 2022, , 1.	3.9	3
18	Characterising the role of the <i>Eucalyptus grandis</i> SND2 promoter in secondary cell wall biosynthesis. <i>BMC Proceedings</i> , 2011, 5, .	1.6	2

#	ARTICLE	IF	CITATIONS
19	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
20	Evolutionary Histories of Gene Families in Angiosperm Trees. Plant Genetics and Genomics: Crops and Models, 2016, , 121-137.	0.3	0