

# Rebecca A Smith

## List of Publications by Citations

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

759  
citations

12  
h-index

24  
g-index

24  
ext. papers

1,029  
ext. citations

7.7  
avg, IF

3.91  
L-index

#	Paper	IF	Citations
17	Xylem tissue specification, patterning, and differentiation mechanisms. <i>Journal of Experimental Botany</i> , <b>2013</b> , 64, 11-31	7	163
16	Laccases direct lignification in the discrete secondary cell wall domains of protoxylem. <i>Plant Physiology</i> , <b>2014</b> , 166, 798-807	6.6	144
15	Monolignol ferulate conjugates are naturally incorporated into plant lignins. <i>Science Advances</i> , <b>2016</b> , 2, e1600393	14.3	99
14	Neighboring parenchyma cells contribute to Arabidopsis xylem lignification, while lignification of interfascicular fibers is cell autonomous. <i>Plant Cell</i> , <b>2013</b> , 25, 3988-99	11.6	99
13	Silencing CHALCONE SYNTHASE in Maize Impedes the Incorporation of Tricin into Lignin and Increases Lignin Content. <i>Plant Physiology</i> , <b>2017</b> , 173, 998-1016	6.6	61
12	Engineering Monolignol p-Coumarate Conjugates into Poplar and Arabidopsis Lignins. <i>Plant Physiology</i> , <b>2015</b> , 169, 2992-3001	6.6	33
11	The transport of monomers during lignification in plants: anything goes but how?. <i>Current Opinion in Biotechnology</i> , <b>2019</b> , 56, 69-74	11.4	28
10	Defining the Diverse Cell Populations Contributing to Lignification in Arabidopsis Stems. <i>Plant Physiology</i> , <b>2017</b> , 174, 1028-1036	6.6	27
9	Highly Decorated Lignins in Leaf Tissues of the Canary Island Date Palm. <i>Plant Physiology</i> , <b>2017</b> , 175, 1058-1067	6.6	27
8	Assessing the Viability of Recovery of Hydroxycinnamic Acids from Lignocellulosic Biorefinery Alkaline Pretreatment Waste Streams. <i>ChemSusChem</i> , <b>2020</b> , 13, 2012-2024	8.3	23
7	Suppression of - increases the level of monolignol ferulates incorporated into maize lignins. <i>Biotechnology for Biofuels</i> , <b>2017</b> , 10, 109	7.8	21
6	Monolignol Benzoates Incorporate into the Lignin of Transgenic Populus trichocarpa Depleted in C3H and C4H. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 3644-3654	8.3	19
5	Cell Wall Composition and Biomass Recalcitrance Differences Within a Genotypically Diverse Set of Brachypodium distachyon Inbred Lines. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 708	6.2	8
4	Eudicot Nutshells: Cell-Wall Composition and Biofuel Feedstock Potential. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 16274-16283	4.1	4
3	Knockout of the lignin pathway gene BnF5H decreases the S/G lignin compositional ratio and improves Sclerotinia sclerotiorum resistance in Brassica napus. <i>Plant, Cell and Environment</i> , <b>2021</b> ,	8.4	2
2	Stacking AsFMT overexpression with BdPMT loss of function enhances monolignol ferulate production in Brachypodium distachyon. <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 1878-1886	11.6	1
1	Assessing the Viability of Recovery of Hydroxycinnamic Acids from Lignocellulosic Biorefinery Alkaline Pretreatment Waste Streams. <i>ChemSusChem</i> , <b>2020</b> , 13, 1922	8.3	

