

# Dharshana Padmakshan

## List of Publications by Citations

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**Version:** 2024-04-23

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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.

16  
papers

525  
citations

10  
h-index

18  
g-index

18  
ext. papers

715  
ext. citations

7.4  
avg, IF

3.42  
L-index

#	Paper	IF	Citations
16	p-Coumaroyl-CoA:monolignol transferase (PMT) acts specifically in the lignin biosynthetic pathway in <i>Brachypodium distachyon</i> . <i>Plant Journal</i> , <b>2014</b> , 77, 713-26	6.9	118
15	Monolignol ferulate conjugates are naturally incorporated into plant lignins. <i>Science Advances</i> , <b>2016</b> , 2, e1600393	14.3	99
14	Silencing Affects Lignification and Improves Saccharification in Poplar. <i>Plant Physiology</i> , <b>2017</b> , 175, 10406-1057	6.3	63
13	Characterization and Elimination of Undesirable Protein Residues in Plant Cell Wall Materials for Enhancing Lignin Analysis by Solution-State Nuclear Magnetic Resonance Spectroscopy. <i>Biomacromolecules</i> , <b>2017</b> , 18, 4184-4195	6.9	60
12	Structural Characterization of Lignins from Willow Bark and Wood. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 7294-7300	5.7	38
11	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
10	Commelinid Monocotyledon Lignins Are Acylated by -Coumarate. <i>Plant Physiology</i> , <b>2018</b> , 177, 513-521	6.6	26
9	Reductive Cleavage Method for Quantitation of Monolignols and Low-Abundance Monolignol Conjugates. <i>ChemSusChem</i> , <b>2018</b> , 11, 1600-1605	8.3	25
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	Characteristics of Hot Water Extracts from the Bark of Cultivated Willow ( <i>Salix</i> sp.). <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 5566-5573	8.3	23
6	Estimation of Syringyl Units in Wood Lignins by FT-Raman Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 4367-4374	5.7	10
5	BdCESA7, BdCESA8, and BdPMT Utility Promoter Constructs for Targeted Expression to Secondary Cell-Wall-Forming Cells of Grasses. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 55	6.2	6
4	Reductive Cleavage Method for Quantitation of Monolignols and Low-Abundance Monolignol Conjugates. <i>ChemSusChem</i> , <b>2018</b> , 11, 1580-1580	8.3	5
3	Stacking AsFMT overexpression with BdPMT loss of function enhances monolignol ferulate production in <i>Brachypodium distachyon</i> . <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 1878-1886	11.6	1
2	Synthesis of hydroxycinnamoyl shikimates and their role in monolignol biosynthesis. <i>Holzforschung</i> , <b>2022</b> , 76, 133-144	2	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	