Ronald Sederoff

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10436145/publications.pdf

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10 papers	1,977 citations	933447 10 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	2897 citing authors

#	Article	IF	Citations
1	Improving wood properties for wood utilization through multi-omics integration in lignin biosynthesis. Nature Communications, 2018, 9, 1579.	12.8	162
2	Assessing the impact of the 4CL enzyme complex on the robustness of monolignol biosynthesis using metabolic pathway analysis. PLoS ONE, 2018, 13, e0193896.	2.5	14
3	Decoding the massive genome of loblolly pine using haploid DNA and novel assembly strategies. Genome Biology, 2014, 15, R59.	9.6	424
4	Specific down-regulation of PAL genes by artificial microRNAs in Populus trichocarpa. Planta, 2010, 232, 1281-1288.	3.2	49
5	Towards a Systems Approach for Lignin Biosynthesis in Populus trichocarpa: Transcript Abundance and Specificity of the Monolignol Biosynthetic Genes. Plant and Cell Physiology, 2010, 51, 144-163.	3.1	280
6	Lignin and Biomass: A Negative Correlation for Wood Formation and Lignin Content in Trees. Plant Physiology, 2010, 154, 555-561.	4.8	322
7	Coordinated Genetic Regulation of Growth and Lignin Revealed by Quantitative Trait Locus Analysis of cDNA Microarray Data in an Interspecific Backcross of Eucalyptus. Plant Physiology, 2004, 135, 2368-2378.	4.8	205
8	Apparent homology of expressed genes from wood-forming tissues of loblolly pine (Pinus taeda L.) with Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7383-7388.	7.1	174
9	Pines as Model Gymnosperms To Study Evolution, Wood Formation, and Perennial Growth. Journal of Plant Growth Regulation, 2000, 19, 290-305.	5.1	26
10	Analysis of xylem formation in pine by cDNA sequencing. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 9693-9698.	7.1	321