

Ronald Sederoff

List of Publications by Year in descending order

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

Version: 2024-02-01

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