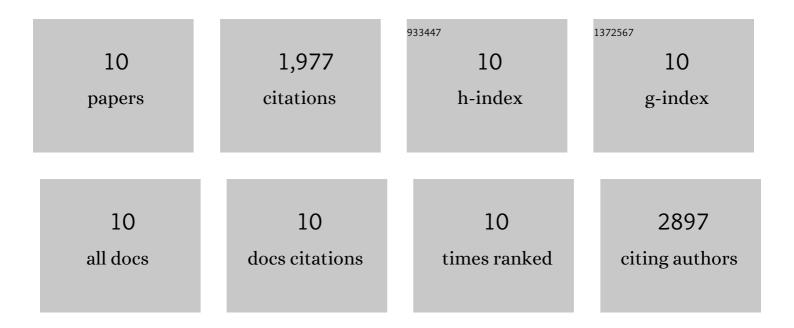
Ronald Sederoff

List of Publications by Year in descending order

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| # | 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 |