

Fabien Mounet

List of Publications by Year in descending order

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17
papers

1,060
citations

687363

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888059

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docs citations

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times ranked

1785
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene and Metabolite Regulatory Network Analysis of Early Developing Fruit Tissues Highlights New Candidate Genes for the Control of Tomato Fruit Composition and Development. <i>Plant Physiology</i> , 2009, 149, 1505-1528.	4.8	199
2	Silencing of the Mitochondrial Ascorbate Synthesizing Enzyme Galactono-1,4-Lactone Dehydrogenase Affects Plant and Fruit Development in Tomato. <i>Plant Physiology</i> , 2007, 145, 1408-1422.	4.8	184
3	Tomato GDSL1 Is Required for Cutin Deposition in the Fruit Cuticle. <i>Plant Cell</i> , 2012, 24, 3119-3134.	6.6	175
4	Quantitative metabolic profiles of tomato flesh and seeds during fruit development: complementary analysis with ANN and PCA. <i>Metabolomics</i> , 2007, 3, 273-288.	3.0	119
5	Down-regulation of a single auxin efflux transport protein in tomato induces precocious fruit development. <i>Journal of Experimental Botany</i> , 2012, 63, 4901-4917.	4.8	82
6	The expression of cell proliferation-related genes in early developing flowers is affected by a fruit load reduction in tomato plants. <i>Journal of Experimental Botany</i> , 2006, 57, 961-970.	4.8	81
7	A systems biology view of wood formation in <i>Eucalyptus grandis</i> trees submitted to different potassium and water regimes. <i>New Phytologist</i> , 2019, 223, 766-782.	7.3	48
8	Implementing the CRISPR/Cas9 Technology in Eucalyptus Hairy Roots Using Wood-Related Genes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3408.	4.1	30
9	Long cold exposure induces transcriptional and biochemical remodelling of xylem secondary cell wall in Eucalyptus. <i>Tree Physiology</i> , 2018, 38, 409-422.	3.1	27
10	Special trends in CBF and DREB2 groups in <i>Eucalyptus gunnii</i> vs <i>Eucalyptus grandis</i> suggest that CBF are master players in the trade-off between growth and stress resistance. <i>Physiologia Plantarum</i> , 2017, 159, 445-467.	5.2	24
11	The Woody-Preferential Gene EgMYB88 Regulates the Biosynthesis of Phenylpropanoid-Derived Compounds in Wood. <i>Frontiers in Plant Science</i> , 2016, 7, 1422.	3.6	20
12	Eucalyptus spp. and Populus spp. coping with salinity stress: an approach on growth, physiological and molecular features in the context of short rotation coppice (SRC). <i>Trees - Structure and Function</i> , 2016, 30, 1873-1891.	1.9	18
13	NMR-Based Tissue and Developmental Metabolomics of Tomato Fruit. <i>Metabolites</i> , 2019, 9, 93.	2.9	18
14	Digging in wood: New insights in the regulation of wood formation in tree species. <i>Advances in Botanical Research</i> , 2019, 89, 201-233.	1.1	14
15	Distinct leaf transcriptomic response of water deficient <i>Eucalyptus grandis</i> submitted to potassium and sodium fertilization. <i>PLoS ONE</i> , 2019, 14, e0218528.	2.5	13
16	Wood Architecture and Composition Are Deeply Remodeled in Frost Sensitive Eucalyptus Overexpressing CBF/DREB1 Transcription Factors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3019.	4.1	7
17	Regulation of secondary cell wall lignification by abiotic and biotic constraints. <i>Advances in Botanical Research</i> , 2022, , .	1.1	1