

Sabine Guillaumie

List of Publications by Year in descending order

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18
papers

1,035
citations

471509

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839539

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docs citations

18
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Behind the curtain of the compartmentalization process: Exploring how xylem vessel diameter impacts vascular pathogen resistance. <i>Plant, Cell and Environment</i> , 2020, 43, 2782-2796.	5.7	21
2	Dissecting the control of shoot development in grapevine: genetics and genomics identify potential regulators. <i>BMC Plant Biology</i> , 2020, 20, 43.	3.6	27
3	Vine nitrogen status and volatile thiols and their precursors from plot to transcriptome level. <i>BMC Plant Biology</i> , 2016, 16, 173.	3.6	26
4	Vine Nitrogen Status Does Not Have a Direct Impact on 2-Methoxy-3-isobutylpyrazine in Grape Berries and Wines. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 9789-9802.	5.2	18
5	Genetic Analysis of the Biosynthesis of 2-Methoxy-3-Isobutylpyrazine, a Major Grape-Derived Aroma Compound Impacting Wine Quality \bar{A} . <i>Plant Physiology</i> , 2013, 162, 604-615.	4.8	89
6	Transcriptional analysis of late ripening stages of grapevine berry. <i>BMC Plant Biology</i> , 2011, 11, 165.	3.6	79
7	The grapevine transcription factor WRKY2 influences the lignin pathway and xylem development in tobacco. <i>Plant Molecular Biology</i> , 2010, 72, 215-234.	3.9	141
8	Isolation and expression analysis of salt induced genes from contrasting grapevine (<i>Vitis vinifera</i> L.) cultivars. <i>Plant Science</i> , 2010, 179, 489-498.	3.6	38
9	Genetic and genomic approaches for improving biofuel production from maize. <i>Euphytica</i> , 2009, 170, 183-202.	1.2	24
10	Expression of cell wall related genes in basal and ear internodes of silking brown-midrib-3, caffeic acid O-methyltransferase (COMT) down-regulated, and normal maize plants. <i>BMC Plant Biology</i> , 2008, 8, 71.	3.6	51
11	MAIZEWALL. Database and Developmental Gene Expression Profiling of Cell Wall Biosynthesis and Assembly in Maize. <i>Plant Physiology</i> , 2007, 143, 339-363.	4.8	94
12	Differential expression of phenylpropanoid and related genes in brown-midrib bm1, bm2, bm3, and bm4 young near-isogenic maize plants. <i>Planta</i> , 2007, 226, 235-250.	3.2	78
13	Variation in lignin and cell wall digestibility in caffeic acid O-methyltransferase down-regulated maize half-sib progenies in field experiments. <i>Molecular Breeding</i> , 2006, 18, 253-261.	2.1	22
14	Nitrogen availability, local light regime and leaf rank effects on the amount and sources of N allocated within the foliage of young walnut (<i>Juglans nigra</i> x <i>regia</i>) trees. <i>Tree Physiology</i> , 2006, 26, 43-49.	3.1	19
15	Colocation between a gene encoding the bZip factor SPA and an eQTL for a high-molecular-weight glutenin subunit in wheat (<i>Triticum aestivum</i>). <i>Genome</i> , 2004, 47, 705-713.	2.0	39
16	Genetic and molecular basis of grass cell-wall biosynthesis and degradability. III. Towards a forage grass ideotype. <i>Comptes Rendus - Biologies</i> , 2004, 327, 467-479.	0.2	49
17	Genetic and molecular basis of grass cell wall biosynthesis and degradability. II. Lessons from brown-midrib mutants. <i>Comptes Rendus - Biologies</i> , 2004, 327, 847-860.	0.2	148
18	Coupling Sap Flow Velocity and Amino Acid Concentrations as an Alternative Method to ^{15}N Labeling for Quantifying Nitrogen Remobilization by Walnut Trees. <i>Plant Physiology</i> , 2002, 130, 1043-1053.	4.8	72