Sabine Guillaumie

List of Publications by Year
in descending order

18	1,035	471509 17	839539 18
papers	citations	h-index	g-index

18	18	18	1376
all docs	docs citations	times ranked	citing authors

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