

Michael S Brito

List of Publications by Year in descending order

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26
papers

847
citations

686830

13
h-index

525886

27
g-index

27
all docs

27
docs citations

27
times ranked

1229
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Analyses of the Complete Genome Sequences of Pierce's Disease and Citrus Variegated Chlorosis Strains of <i>Xylella fastidiosa</i> . <i>Journal of Bacteriology</i> , 2003, 185, 1018-1026.	1.0	307
2	Analysis of the <i>Nicotiana tabacum</i> Stigma/Style Transcriptome Reveals Gene Expression Differences between Wet and Dry Stigma Species. <i>Plant Physiology</i> , 2009, 149, 1211-1230.	2.3	65
3	The Maize <i>TF</i> development of a transcription factor open reading frame collection for functional genomics. <i>Plant Journal</i> , 2014, 80, 356-366.	2.8	55
4	Large-Scale Transcriptome Analysis of Two Sugarcane Genotypes Contrasting for Lignin Content. <i>PLoS ONE</i> , 2015, 10, e0134909.	1.1	51
5	Water Stress Alters Lignin Content and Related Gene Expression in Two Sugarcane Genotypes. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4708-4720.	2.4	42
6	Deposition of lignin in four species of <i>Saccharum</i> . <i>Scientific Reports</i> , 2019, 9, 5877.	1.6	41
7	Reference genes for normalization of qPCR assays in sugarcane plants under water deficit. <i>Plant Methods</i> , 2017, 13, 28.	1.9	40
8	Building the wall: recent advances in understanding lignin metabolism in grasses. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	29
9	Validation of reference genes from <i>Eucalyptus</i> spp. under different stress conditions. <i>BMC Research Notes</i> , 2012, 5, 634.	0.6	26
10	Overexpression of <i>ScMYBAS1</i> alternative splicing transcripts differentially impacts biomass accumulation and drought tolerance in rice transgenic plants. <i>PLoS ONE</i> , 2018, 13, e0207534.	1.1	21
11	Stigma/style cell cycle inhibitor 1 (<i>SCI1</i>), a tissue-specific cell cycle regulator that controls upper pistil development. <i>New Phytologist</i> , 2011, 190, 882-895.	3.5	17
12	The sugarcane <i>ShMYB78</i> transcription factor activates suberin biosynthesis in <i>Nicotiana benthamiana</i> . <i>Plant Molecular Biology</i> , 2020, 104, 411-427.	2.0	15
13	Identification, classification and transcriptional profiles of dirigent domain-containing proteins in sugarcane. <i>Molecular Genetics and Genomics</i> , 2017, 292, 1323-1340.	1.0	14
14	Pollination triggers female gametophyte development in immature <i>Nicotiana tabacum</i> flowers. <i>Frontiers in Plant Science</i> , 2015, 6, 561.	1.7	13
15	Expression Profile of Sugarcane Transcription Factor Genes Involved in Lignin Biosynthesis. <i>Tropical Plant Biology</i> , 2015, 8, 19-30.	1.0	13
16	Biomass Accumulation and Cell Wall Structure of Rice Plants Overexpressing a Dirigent-Jacalin of Sugarcane (<i>ShDJ</i>) Under Varying Conditions of Water Availability. <i>Frontiers in Plant Science</i> , 2019, 10, 65.	1.7	12
17	Ectopic expression of sugarcane <i>SHINE</i> changes cell wall and improves biomass in rice. <i>Biomass and Bioenergy</i> , 2018, 119, 322-334.	2.9	11
18	Characterization of <i>PIP2</i> aquaporins in <i>Saccharum</i> hybrids. <i>Plant Gene</i> , 2016, 5, 31-37.	1.4	10

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19	Reference genes for gene expression studies targeting sugarcane infected with Sugarcane mosaic virus (SCMV). BMC Research Notes, 2019, 12, 149.	0.6	8
20	Sugarcane mosaic virus mediated changes in cytosine methylation pattern and differentially transcribed fragments in resistance-contrasting sugarcane genotypes. PLoS ONE, 2020, 15, e0241493.	1.1	8
21	Selection and validation of reference genes by RT-qPCR under photoperiodic induction of flowering in sugarcane (Saccharum spp.). Scientific Reports, 2021, 11, 4589.	1.6	7
22	Dissecting the sugarcane expressed sequence tag (SUCEST) database: unraveling flower-specific genes. Genetics and Molecular Biology, 2001, 24, 77-84.	0.6	6
23	Characterization, isolation and cloning of sugarcane genes related to drought stress. BMC Proceedings, 2014, 8, .	1.8	6
24	A novel cysteine-rich peptide regulates cell expansion in the tobacco pistil and influences its final size. Plant Science, 2018, 277, 55-67.	1.7	3
25	Protocol for the Generation of a Transcription Factor Open Reading Frame Collection (TFome). Bio-protocol, 2015, 5, .	0.2	3
26	In situ localization of mRNA of resembling the dirigent protein in sugarcane stems. BMC Proceedings, 2014, 8, .	1.8	1