Tiago Filipe dos Santos LourenÃ§o

List of Publications by Year
in descending order

23 papers	1,207 citations	759233 12 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	1839 citing authors

#	Article	IF	Citations
1	Transcription factors and regulation of photosynthetic and related metabolism under environmental stresses. Annals of Botany, 2009, 103, 609-623.	2.9	388
2	Drought stress response in Jatropha curcas: Growth and physiology. Environmental and Experimental Botany, 2013, 85, 76-84.	4.2	159
3	Microarray analyses reveal that plant mutagenesis may induce more transcriptomic changes than transgene insertion. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3640-3645.	7.1	141
4	Seven zinc-finger transcription factors are novel regulators of the stress responsive gene OsDREB1B. Journal of Experimental Botany, 2012, 63, 3643-3656.	4.8	103
5	Transcription Regulation of Abiotic Stress Responses in Rice: A Combined Action of Transcription Factors and Epigenetic Mechanisms. OMICS A Journal of Integrative Biology, 2011, 15, 839-857.	2.0	81
6	OsRMC, a negative regulator of salt stress response in rice, is regulated by two AP2/ERF transcription factors. Plant Molecular Biology, 2013, 82, 439-455.	3.9	73
7	Rice phytochrome-interacting factor protein OsPIF14 represses OsDREB1B gene expression through an extended N-box and interacts preferentially with the active form of phytochrome B. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 393-404.	1.9	51
8	Screening for Abiotic Stress Tolerance in Rice: Salt, Cold, and Drought. Methods in Molecular Biology, 2016, 1398, 155-182.	0.9	48
9	Isolation and characterization of rice (Oryza sativa L.) E3-ubiquitin ligase OsHOS1 gene in the modulation of cold stress response. Plant Molecular Biology, 2013, 83, 351-363.	3.9	36
10	Transcriptomics and physiological analyses reveal co-ordinated alteration of metabolic pathways inJatropha curcasdrought tolerance. Journal of Experimental Botany, 2016, 67, 845-860.	4.8	29
11	The rice E3 ubiquitin ligase OsHOS1 modulates the expression of OsRMC, a gene involved in root mechano-sensing, through the interaction with two ERF transcription factors. Plant Physiology, 2015, 169, pp.01131.2015.	4.8	22
12	Inducible and constitutive expression of HvCBF4 in rice leads to differential gene expression and drought tolerance. Biologia Plantarum, 2011, 55, .	1.9	12
13	OsICE1 transcription factor improves photosynthetic performance and reduces grain losses in rice plants subjected to drought. Environmental and Experimental Botany, 2018, 150, 88-98.	4.2	12
14	Zmb<scp>HLH</scp>80 and Zmb<scp>HLH</scp>90 transcription factors act antagonistically and contribute to regulate <scp>PEPC</scp>1 cellâ€specific gene expression in maize. Plant Journal, 2019, 99, 270-285.	5.7	11
15	Expression of prune dwarf Ilarvirus coat protein sequences in Nicotiana benthamiana plants interferes with PDV systemic proliferation. Plant Biotechnology Reports, 2008, 2, 75-85.	1.5	10
16	DNA-Based Tools to Certify Authenticity of Rice Varietiesâ€”An Overview. Foods, 2022, 11, 258.	4.3	10
17	ZmOrphan94 Transcription Factor Downregulates ZmPEPC1 Gene Expression in Maize Bundle Sheath Cells. Frontiers in Plant Science, 2021, 12, 559967.	3.6	8
18	A novel panel of yeast assays for the assessment of thiamin and its biosynthetic intermediates in plant tissues. New Phytologist, 2022, 234, 748-763.	7.3	5

#	Article	IF	Citations
19	Genomics of Drought. , 2016, , 85-135.		4
20	Rice root curling, a response to mechanosensing, is modulated by the rice E3-ubiquitin ligase HIGH EXPRESSION OF OSMOTICALLY RESPONSIVE GENE1 (OsHOS1). Plant Signaling and Behavior, 2016, 11, e1208880.	2.4	3
21	Screening for Abiotic Stress Response in Rice. Methods in Molecular Biology, 2022, 2494, 161-194.	0.9	1
22	VIRUS DISEASES IN PORTUGUESE ALMOND TREES: DIAGNOSIS, IN SITU DETECTION AND GENETIC ENGINEERING FOR VIRUS RESISTANCE. Acta Horticulturae, 2002, , 581-584.	0.2	0
23	Evaluating Root Mechanosensing Response in Rice. Methods in Molecular Biology, 2022, 2494, 25-35.	0.9	0