Tiago Balbuena

List of Publications by Year in descending order

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TIACO RALBUENA

#	Article	IF	CITATIONS
1	Stem aquaporins and surfactant-related genes are differentially expressed in two Eucalyptus species in response to water stress. Plant Stress, 2021, 1, 100003.	2.7	6
2	Proteomic analysis of young sugarcane plants with contrasting salt tolerance. Functional Plant Biology, 2021, 48, 588.	1.1	10
3	Comparison of generational effect on proteins and metabolites in non-transgenic and transgenic soybean seeds through the insertion of the cp4-EPSPS gene assessed by omics-based platforms. Ecotoxicology and Environmental Safety, 2020, 202, 110918.	2.9	9
4	Elevated atmospheric CO2 increases Eucalyptus urophylla S. T. Blake stem diameter by stimulating cell proliferation and reducing lignin deposition. Acta Botanica Brasilica, 2020, 34, 589-591.	0.8	1
5	Homozygosis of Bt locus increases Bt protein expression and the control of Spodoptera frugiperda (Lepidoptera: Noctuidae) in maize hybrids. Crop Protection, 2019, 124, 104871.	1.0	12
6	Validation of IgY for the diagnosis of Streptococcus agalactiae-caused endocarditis and bacterial meningitis in Nile tilapia (Oreochromis niloticus). Fish and Shellfish Immunology, 2018, 76, 153-160.	1.6	16
7	Carbon dioxide induces minor antioxidant responses in Eucalyptus urophylla chloroplasts. Trees - Structure and Function, 2018, 32, 1481-1485.	0.9	0
8	Insights into temperature modulation of the Eucalyptus globulus and Eucalyptus grandis antioxidant and lignification subproteomes. Phytochemistry, 2017, 137, 15-23.	1.4	10
9	Luxurious Nitrogen Fertilization of Two Sugar Cane Genotypes Contrasting for Lignin Composition Causes Changes in the Stem Proteome Related to Carbon, Nitrogen, and Oxidant Metabolism but Does Not Alter Lignin Content. Journal of Proteome Research, 2017, 16, 3688-3703.	1.8	12
10	Heat Shock Protein 90 kDa (Hsp90) Has a Second Functional Interaction Site with the Mitochondrial Import Receptor Tom70. Journal of Biological Chemistry, 2016, 291, 18620-18631.	1.6	32
11	Sunflower HaGPAT9-1 is the predominant GPAT during seed development. Plant Science, 2016, 252, 42-52.	1.7	30
12	Comparative Proteomic Analysis of Developing Rhizomes of the Ancient Vascular Plant <i>Equisetum hyemale</i> and Different Monocot Species. Journal of Proteome Research, 2015, 14, 1779-1791.	1.8	8
13	The response of <scp><i>A</i></scp> <i>sterochloris erici</i> (<scp>A</scp> hmadjian) <scp>S</scp> kaloud et <scp>P</scp> eksa to desiccation: a proteomic approach. Plant, Cell and Environment, 2013, 36, 1363-1378.	2.8	44
14	Nextâ€generation sequencingâ€based transcriptomic and proteomic analysis of the common reed, <i>Phragmites australis</i> (Poaceae), reveals genes involved in invasiveness and rhizome specificity. American Journal of Botany, 2012, 99, 232-247.	0.8	49
15	Large-Scale Proteome Comparative Analysis of Developing Rhizomes of the Ancient Vascular Plant Equisetum Hyemale. Frontiers in Plant Science, 2012, 3, 131.	1.7	16
16	Search engine processor: Filtering and organizing peptide spectrum matches. Proteomics, 2012, 12, 944-949.	1.3	107
17	Polyamines, IAA and ABA during germination in two recalcitrant seeds: Araucaria angustifolia (Gymnosperm) and Ocotea odorifera (Angiosperm). Annals of Botany, 2011, 108, 337-345.	1.4	55
18	Proteome Analysis of Cold Acclimation in Sunflower. Journal of Proteome Research, 2011, 10, 2330-2346.	1.8	55

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19	Proteome analysis of leaves of the desiccation-tolerant grass, Sporobolus stapfianus, in response to dehydration. Phytochemistry, 2011, 72, 1273-1284.	1.4	63
20	Differential proteome analysis of mature and germinated embryos of Araucaria angustifolia. Phytochemistry, 2011, 72, 302-311.	1.4	47
21	Nitrosyl ethylenediaminetetraacetate ruthenium(II) complex promotes cellular growth and could be used as nitric oxide donor in plants. Plant Science, 2010, 178, 448-453.	1.7	8
22	In vitro morphogenesis and cell suspension culture establishment in Piper solmsianum C. DC. (Piperaceae). Acta Botanica Brasilica, 2009, 23, 274-281.	0.8	17
23	Endogenous abscisic acid and protein contents during seed development of Araucaria angustifolia. Biologia Plantarum, 2008, 52, 101-104.	1.9	37
24	Separating the Wheat from the Chaff: Unbiased Filtering of Background Tandem Mass Spectra Improves Protein Identification. Journal of Proteome Research, 2008, 7, 3382-3395.	1.8	37
25	IAA, ABA, polyamines and free amino acids associated with zygotic embryo development of Ocotea catharinensis. Plant Growth Regulation, 2006, 49, 237-247	1.8	53