Tiago Filipe Jorge

List of Publications by Year
in descending order

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Version: 2024-02-01

18	870	840119 11	940134 16
papers	citations	h-index	g-index

18	18	18	1626
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mass spectrometryâ€based plant metabolomics: Metabolite responses to abiotic stress. Mass Spectrometry Reviews, 2016, 35, 620-649.	2.8	254
2	Toxicity of ionic liquids prepared from biomaterials. Chemosphere, 2014, 104, 51-56.	4.2	160
3	Cowpea (Vigna unguiculata L. Walp.) Metabolomics: Osmoprotection as a Physiological Strategy for Drought Stress Resistance and Improved Yield. Frontiers in Plant Science, 2017, 8, 586.	1.7	130
4	Mass spectrometry as a quantitative tool in plant metabolomics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150370.	1.6	98
5	New water-soluble ruthenium(II) cytotoxic complex: Biological activity and cellular distribution. Journal of Inorganic Biochemistry, 2014, 130, 1-14.	1.5	54
6	GC-TOF-MS analysis reveals salt stress-responsive primary metabolites in Casuarina glauca tissues. Metabolomics, 2017, 13, 1.	1.4	36
7	Molecular Recognition of Rosmarinic Acid from Salviaâ€...sclareoides Extracts by Acetylcholinesterase: A New Binding Site Detected by NMR Spectroscopy. Chemistry - A European Journal, 2013, 19, 6641-6649.	1.7	34
8	Salt-stress secondary metabolite signatures involved in the ability of Casuarina glauca to mitigate oxidative stress. Environmental and Experimental Botany, 2019, 166, 103808.	2.0	20
9	Drought Stress Tolerance in Plants: Insights from Metabolomics. , 2016, , 187-216.		18
10	An integrated approach to understand the mechanisms underlying salt stress tolerance in Casuarina glauca and its relation with nitrogen-fixing Frankia Thr. Symbiosis, 2016, 70, 111-116.	1.2	13
11	Quantification and structural characterization of raffinose family oligosaccharides in Casuarina glauca plant tissues by porous graphitic carbon electrospray quadrupole ion trap mass spectrometry. International Journal of Mass Spectrometry, 2017, 413, 127-134.	0.7	13
12	Antitumour and Toxicity Evaluation of a Ru(II)-Cyclopentadienyl Complex in a Prostate Cancer Model by Imaging Tools. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1262-1275.	0.9	13
13	Analysis of low abundant trehalose-6-phosphate and related metabolites in Medicago truncatula by hydrophilic interaction liquid chromatographyâ€“triple quadrupole mass spectrometry. Journal of Chromatography A, 2016, 1477, 30-38.	1.8	7
14	Characterization of the Primary Metabolome of Brachystegia boehmii and Colophospermum mopane under Different Fire Regimes in Miombo and Mopane African Woodlands. Frontiers in Plant Science, 2017, 8, 2130.	1.7	7
15	Plant Metabolomics in a Changing World: Metabolite Responses to Abiotic Stress Combinations. , 0, , .		7
16	Will Casuarina glauca Stress Resilience Be Maintained in the Face of Climate Change?. Metabolites, 2021, 11, 593.	1.3	3
17	Quantification of Low-Abundant Phosphorylated Carbohydrates Using HILIC-QqQ-MS/MS. Methods in Molecular Biology, 2018, 1778, 71-86.	0.4	2
18	Porous Graphitic Carbon Liquid Chromatographyâ€“Mass Spectrometry Analysis of Drought Stress-Responsive Raffinose Family Oligosaccharides in Plant Tissues. Methods in Molecular Biology, 2017, 1631, 279-293.	0.4	1