

Tiago Filipe Jorge

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

645
citations

9
h-index

18
g-index

18
ext. papers

753
ext. citations

4.5
avg, IF

3.82
L-index

#	Paper	IF	Citations
18	Mass spectrometry-based plant metabolomics: Metabolite responses to abiotic stress. <i>Mass Spectrometry Reviews</i> , 2016 , 35, 620-49	11	202
17	Toxicity of ionic liquids prepared from biomaterials. <i>Chemosphere</i> , 2014 , 104, 51-6	8.4	129
16	Cowpea (L. Walp.) Metabolomics: Osmoprotection as a Physiological Strategy for Drought Stress Resistance and Improved Yield. <i>Frontiers in Plant Science</i> , 2017 , 8, 586	6.2	82
15	Mass spectrometry as a quantitative tool in plant metabolomics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016 , 374,	3	68
14	New water-soluble ruthenium(II) cytotoxic complex: biological activity and cellular distribution. <i>Journal of Inorganic Biochemistry</i> , 2014 , 130, 1-14	4.2	43
13	Molecular recognition of rosmarinic acid from <i>Salvia sclareoides</i> extracts by acetylcholinesterase: a new binding site detected by NMR spectroscopy. <i>Chemistry - A European Journal</i> , 2013 , 19, 6641-9	4.8	29
12	GC-TOF-MS analysis reveals salt stress-responsive primary metabolites in <i>Casuarina glauca</i> tissues. <i>Metabolomics</i> , 2017 , 13, 1	4.7	18
11	Salt-stress secondary metabolite signatures involved in the ability of <i>Casuarina glauca</i> to mitigate oxidative stress. <i>Environmental and Experimental Botany</i> , 2019 , 166, 103808	5.9	13
10	An integrated approach to understand the mechanisms underlying salt stress tolerance in <i>Casuarina glauca</i> and its relation with nitrogen-fixing <i>Frankia</i> Thr. <i>Symbiosis</i> , 2016 , 70, 111-116	3	12
9	Quantification and structural characterization of raffinose family oligosaccharides in <i>Casuarina glauca</i> plant tissues by porous graphitic carbon electrospray quadrupole ion trap mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2017 , 413, 127-134	1.9	9
8	Drought Stress Tolerance in Plants: Insights from Metabolomics 2016 , 187-216		9
7	Antitumour and Toxicity Evaluation of a Ru(II)-Cyclopentadienyl Complex in a Prostate Cancer Model by Imaging Tools. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019 , 19, 1262-1275	2.2	8
6	Plant Metabolomics in a Changing World: Metabolite Responses to Abiotic Stress Combinations 2018 ,		7
5	Characterization of the Primary Metabolome of and under Different Fire Regimes in Miombo and Mopane African Woodlands. <i>Frontiers in Plant Science</i> , 2017 , 8, 2130	6.2	6
4	Analysis of low abundant trehalose-6-phosphate and related metabolites in <i>Medicago truncatula</i> by hydrophilic interaction liquid chromatography-triple quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1477, 30-38	4.5	6
3	Quantification of Low-Abundant Phosphorylated Carbohydrates Using HILIC-QqQ-MS/MS. <i>Methods in Molecular Biology</i> , 2018 , 1778, 71-86	1.4	2
2	Will Stress Resilience Be Maintained in the Face of Climate Change?. <i>Metabolites</i> , 2021 , 11,	5.6	2

- 1 Porous Graphitic Carbon Liquid Chromatography-Mass Spectrometry Analysis of Drought Stress-Responsive Raffinose Family Oligosaccharides in Plant Tissues. *Methods in Molecular Biology*, **2017**, 1631, 279-293 1.4