

Willian Batista-Silva

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

925
citations

840776

11
h-index

752698

20
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22
all docs

22
docs citations

22
times ranked

1337
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired auxin signaling increases vein and stomatal density but reduces hydraulic efficiency and ultimately net photosynthesis. <i>Journal of Experimental Botany</i> , 2022, 73, 4147-4156.	4.8	10
2	Reduced auxin signalling through the cyclophilin gene <i>DIAGEOTROPICA</i> impacts tomato fruit development and metabolism during ripening. <i>Journal of Experimental Botany</i> , 2022, 73, 4113-4128.	4.8	4
3	<i>Prunus</i> Hexokinase 3 genes alter primary C-metabolism and promote drought and salt stress tolerance in <i>Arabidopsis</i> transgenic plants. <i>Scientific Reports</i> , 2021, 11, 7098.	3.3	18
4	Germination of <i>Cenchrus ciliaris</i> , <i>Pennisetum divisum</i> , and <i>Panicum turgidum</i> is seasonally dependent. <i>Botany</i> , 2020, 98, 449-458.	1.0	13
5	High Photosynthetic Rates in a <i>Solanum pennellii</i> Chromosome 2 QTL Is Explained by Biochemical and Photochemical Changes. <i>Frontiers in Plant Science</i> , 2020, 11, 794.	3.6	3
6	Extraction of proteins from the microalga <i>Scenedesmus obliquus</i> BR003 followed by lipid extraction of the wet deproteinized biomass using hexane and ethyl acetate. <i>Bioresource Technology</i> , 2020, 307, 123190.	9.6	30
7	The Multifaceted Connections Between Photosynthesis and Respiratory Metabolism. , 2020, , 55-107.		1
8	Modulation of auxin signalling through <i>DIAGETROPICA</i> and <i>ENTIRE</i> differentially affects tomato plant growth via changes in photosynthetic and mitochondrial metabolism. <i>Plant, Cell and Environment</i> , 2019, 42, 448-465.	5.7	17
9	The <i>Arabidopsis</i> E1 subunit of the 2-oxoglutarate dehydrogenase complex modulates plant growth and seed production. <i>Plant Molecular Biology</i> , 2019, 101, 183-202.	3.9	16
10	Physiological parameters and plasticity as key factors to understand pioneer and late successional species in the Atlantic Rainforest. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	2.1	12
11	Germination asynchrony is increased by dual seed bank presence in two desert perennial halophytes. <i>Botany</i> , 2019, 97, 639-649.	1.0	12
12	The role of amino acid metabolism during abiotic stress release. <i>Plant, Cell and Environment</i> , 2019, 42, 1630-1644.	5.7	278
13	Chitosan delays ripening and ROS production in guava (<i>Psidium guajava</i> L.) fruit. <i>Food Chemistry</i> , 2018, 242, 232-238.	8.2	113
14	Modifications in Organic Acid Profiles During Fruit Development and Ripening: Correlation or Causation?. <i>Frontiers in Plant Science</i> , 2018, 9, 1689.	3.6	152
15	How Does European Mistletoe Survive Without Complex I?. <i>Trends in Plant Science</i> , 2018, 23, 847-850.	8.8	6
16	The chitosan affects severely the carbon metabolism in mango (<i>Mangifera indica</i> L. cv. Palmer) fruit during storage. <i>Food Chemistry</i> , 2017, 237, 372-378.	8.2	142
17	Impaired Malate and Fumarate Accumulation Due to the Mutation of the Tonoplast Dicarboxylate Transporter Has Little Effects on Stomatal Behavior. <i>Plant Physiology</i> , 2017, 175, 1068-1081.	4.8	51
18	Can stable isotope mass spectrometry replace $\delta^{13}C$ radiolabelled approaches in metabolic studies?. <i>Plant Science</i> , 2016, 249, 59-69.	3.6	32

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19	ATIVIDADE RESPIRATÓRIA EM MITOCONDRIAS ISOLADAS DA POLPA DO MAMÃO UENF/CALIMAN 01 E TAINUNG 01 NA CONSERVAÇÃO DO FRUTO EM PÓS-COLHEITA. Revista Brasileira De Fruticultura, 2015, 37, 296-307.	0.5	2
20	TRATAMENTO COM CLORETO DE CÁLCIO NA PÓS-COLHEITA RETARDA O DESVERDECIMENTO E A PERDA DE FIRMEZA DO MAMÃO UENF/CALIMAN01. Revista Brasileira De Fruticultura, 2015, 37, 588-599.	0.5	7
21	Desenvolvimento inicial de <i>Urochloa ruziziensis</i> e desempenho agrônomico da soja em diferentes arranjos espaciais no cerrado Mato-Grossense. Bragantia, 2013, 72, 146-153.	1.3	6