Bruno Silvestre Lira

List of Publications by Year
in descending order

18	688	623734	839539
papers	citations	14 h-index	18 g-index

19	19	19	1070
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Different Mechanisms Are Responsible for Chlorophyll Dephytylation during Fruit Ripening and Leaf Senescence in Tomato Â Â. Plant Physiology, 2014, 166, 44-56.	4.8	101
2	Manipulation of a Senescence-Associated Gene Improves Fleshy Fruit Yield. Plant Physiology, 2017, 175, 77-91.	4.8	74
3	Nitric Oxide, Ethylene, and Auxin Cross Talk Mediates Greening and Plastid Development in Deetiolating Tomato Seedlings. Plant Physiology, 2016, 170, 2278-2294.	4.8	63
4	Comparative transcriptome analysis of early somatic embryo formation and seed development in Brazilian pine, Araucaria angustifolia (Bertol.) Kuntze. Plant Cell, Tissue and Organ Culture, 2015, 120, 903-915.	2.3	59
5	The genetic architecture of photosynthesis and plant growthâ€related traits in tomato. Plant, Cell and Environment, 2018, 41, 327-341.	5.7	59
6	Fruit-localized phytochromes regulate plastid biogenesis, starch synthesis, and carotenoid metabolism in tomato. Journal of Experimental Botany, 2018, 69, 3573-3586.	4.8	53
7	Phytochrome Interacting Factors (PIFs) in Solanum lycopersicum: Diversity, Evolutionary History and Expression Profiling during Different Developmental Processes. PLoS ONE, 2016, 11, e0165929.	2.5	47
8	Galacturonosyltransferase 4 silencing alters pectin composition and carbon partitioning in tomato. Journal of Experimental Botany, 2013, 64, 2449-2466.	4.8	34
9	Fruits from ripening impaired, chlorophyll degraded and jasmonate insensitive tomato mutants have altered tocopherol content and composition. Phytochemistry, 2015, 111, 72-83.	2.9	34
10	Beyond the limits of photoperception: constitutively active PHYTOCHROME B2 overexpression as a means of improving fruit nutritional quality in tomato. Plant Biotechnology Journal, 2020, 18, 2027-2041.	8.3	34
11	Solanum lycopersicum GOLDEN 2-LIKE 2 transcription factor affects fruit quality in a light- and auxin-dependent manner. PLoS ONE, 2019, 14, e0212224.	2.5	33
12	Pheophytinase Knockdown Impacts Carbon Metabolism and Nutraceutical Content Under Normal Growth Conditions in Tomato. Plant and Cell Physiology, 2016, 57, 642-653.	3.1	27
13	A Tomato Tocopherol Binding Protein Sheds Light on Intracellular Î±-tocopherol Metabolism in Plants. Plant and Cell Physiology, 2018, 59, 2188-2203.	3.1	19
14	Plant degreening: evolution and expression of tomato (Solanum lycopersicum) dephytylation enzymes. Gene, 2014, 546, 359-366.	2.2	17
15	The cytosolic invertase NI6 affects vegetative growth, flowering, fruit set, and yield in tomato. Journal of Experimental Botany, 2021, 72, 2525-2543.	4.8	16
16	Light and ripening-regulated BBX protein-encoding genes in Solanum lycopersicum. Scientific Reports, 2020, 10, 19235.	3.3	13
17	Auxin-driven ecophysiological diversification of leaves in domesticated tomato. Plant Physiology, 2022, 190, 113-126.	4.8	1
18	SlBBX28 positively regulates plant growth and flower number in an auxin-mediated manner in tomato. Plant Molecular Biology, 0, , .	3.9	1