AndrÃ©s R Schwember

List of Publications by Year
in descending order

28 papers	884 citations	623574 14 h-index	526166 27 g-index
28 all docs	28 docs citations	28 times ranked	1322 citing authors

#	Article	IF	Citations
1	Chickpeas from a Chilean Region Affected by a Climate-Related Catastrophe: Effects of Water Stress on Grain Yield and Flavonoid Composition. Molecules, 2022, 27, 691.	1.7	1
2	Soluble Free, Esterified and Insoluble-Bound Phenolic Antioxidants from Chickpeas Prevent Cytotoxicity in Human Hepatoma HuH-7 Cells Induced by Peroxyl Radicals. Antioxidants, 2022, 11, 1139.	2.2	7
3	A Comprehensive Review on Chickpea (Cicer arietinum L.) Breeding for Abiotic Stress Tolerance and Climate Change Resilience. International Journal of Molecular Sciences, 2022, 23, 6794.	1.8	14
4	Do Flavonoids from Durum Wheat Contribute to Its Bioactive Properties? A Prospective Study. Molecules, 2021, 26, 463.	1.7	7
5	Physiological and Yield Responses of Green-Shelled Beans (Phaseolus vulgaris L.) Grown under Restricted Irrigation. Agronomy, 2021, 11, 562.	1.3	4
6	Molecular Mapping and Genomics of Grain Yield in Durum Wheat: A Review. International Journal of Molecular Sciences, 2020, 21, 7021.	1.8	16
7	Phytoene synthase 1 (Psy-1) and lipoxygenase 1 (Lpx-1) Genes Influence on Semolina Yellowness in Wheat Mediterranean Germplasm. International Journal of Molecular Sciences, 2020, 21, 4669.	1.8	8
8	New Findings in the Amino Acid Profile and Gene Expression in Contrasting Durum Wheat Gluten Strength Genotypes during Grain Filling. Journal of Agricultural and Food Chemistry, 2020, 68, 5521-5528.	2.4	5
9	Regulation of Symbiotic Nitrogen Fixation in Legume Root Nodules. Plants, 2019, 8, 333.	1.6	57
10	Carotenoid Pigment Content in Durum Wheat (Triticum turgidum L. var durum): An Overview of Quantitative Trait Loci and Candidate Genes. Frontiers in Plant Science, 2019, 10, 1347.	1.7	59
11	Is Chickpea a Potential Substitute for Soybean? Phenolic Bioactives and Potential Health Benefits. International Journal of Molecular Sciences, 2019, 20, 2644.	1.8	79
12	Should we ban total phenolics and antioxidant screening methods? The link between antioxidant potential and activation of NF-Î ºB using phenolic compounds from grape by-products. Food Chemistry, 2019, 290, 229-238.	4.2	59
13	Opinion on the Hurdles and Potential Health Benefits in Value-Added Use of Plant Food Processing By-Products as Sources of Phenolic Compounds. International Journal of Molecular Sciences, 2018, 19, 3498.	1.8	52
14	Identification of Lycopene epsilon cyclase (LCYE) gene mutants to potentially increase Î²-carotene content in durum wheat (Triticum turgidum L.ssp. durum) through TILLING. PLoS ONE, 2018, 13, e0208948.	1.1	27
15	Unraveling agronomic and genetic aspects of runner bean (Phaseolus coccineus L.). Field Crops Research, 2017, 206, 86-94.	2.3	19
16	Susceptibility to Preharvest Sprouting of Chilean and Australian Elite Cultivars of Common Wheat. Crop Science, 2017, 57, 462-474.	0.8	18
17	Advances in breeding and biotechnology of legume crops. Plant Cell, Tissue and Organ Culture, 2016, 127, 561-584.	1.2	36
18	Transcripts levels of Phytoene synthase 1 (Psy-1) are associated to semolina yellowness variation in durum wheat (Triticum turgidum L. ssp. durum). Journal of Cereal Science, 2016, 68, 155-163.	1.8	7

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19	Association of phytoene synthase Psy1-A1 and Psy1-B1 allelic variants with semolina yellowness in durum wheat (Triticum turgidum L. var. durum). Euphytica, 2016, 207, 109-117.	0.6	14
20	Breeding quinoa (Chenopodium quinoa Willd.): potential and perspectives. Molecular Breeding, 2014, 34, 13-30.	1.0	146
21	Genotypic and environmental factors and their interactions determine semolina color of elite genotypes of durum wheat (Triticum turgidum L. var. durum) grown in different environments of Chile. Field Crops Research, 2013, 149, 234-244.	2.3	22
22	Improving durum wheat (Triticum turgidum L. var durum) grain yellow pigment content through plant breeding. Ciencia E Investigacion Agraria, 2013, 40, 475-490.	0.2	8
23	Oxygen interacts with priming, moisture content and temperature to affect the longevity of lettuce and onion seeds. Seed Science Research, 2011, 21, 175-185.	0.8	36
24	A genetic locus and gene expression patterns associated with the priming effect on lettuce seed germination at elevated temperatures. Plant Molecular Biology, 2010, 73, 105-118.	2.0	41
25	Quantitative trait loci associated with longevity of lettuce seeds under conventional and controlled deterioration storage conditions. Journal of Experimental Botany, 2010, 61, 4423-4436.	2.4	104
26	An update on genetically modified crops. Ciencia E Investigacion Agraria, 2008, 35, .	0.2	7
27	Drying Rates following Priming Affect Temperature Sensitivity of Germination and Longevity of Lettuce Seeds. Hortscience: A Publication of the American Society for Hortcultural Science, 2005, 40, 778-781.	0.5	22
28	Phenolic-driven sensory changes in functional foods. Journal of Food Bioactives: an Official Scientific Publication of the International Society of Nutraceuticals and Functional Foods (ISNFF), 0, 5, 6-7.	2.4	9