

# Andr s R Schwember

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Breeding quinoa ( <i>Chenopodium quinoa</i> Willd.): potential and perspectives. <i>Molecular Breeding</i> , 2014, 34, 13-30.	1.0	146
2	Quantitative trait loci associated with longevity of lettuce seeds under conventional and controlled deterioration storage conditions. <i>Journal of Experimental Botany</i> , 2010, 61, 4423-4436.	2.4	104
3	Is Chickpea a Potential Substitute for Soybean? Phenolic Bioactives and Potential Health Benefits. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2644.	1.8	79
4	Carotenoid Pigment Content in Durum Wheat ( <i>Triticum turgidum</i> L. var. durum): An Overview of Quantitative Trait Loci and Candidate Genes. <i>Frontiers in Plant Science</i> , 2019, 10, 1347.	1.7	59
5	Should we ban total phenolics and antioxidant screening methods? The link between antioxidant potential and activation of NF- $\kappa$ B using phenolic compounds from grape by-products. <i>Food Chemistry</i> , 2019, 290, 229-238.	4.2	59
6	Regulation of Symbiotic Nitrogen Fixation in Legume Root Nodules. <i>Plants</i> , 2019, 8, 333.	1.6	57
7	Opinion on the Hurdles and Potential Health Benefits in Value-Added Use of Plant Food Processing By-Products as Sources of Phenolic Compounds. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3498.	1.8	52
8	A genetic locus and gene expression patterns associated with the priming effect on lettuce seed germination at elevated temperatures. <i>Plant Molecular Biology</i> , 2010, 73, 105-118.	2.0	41
9	Oxygen interacts with priming, moisture content and temperature to affect the longevity of lettuce and onion seeds. <i>Seed Science Research</i> , 2011, 21, 175-185.	0.8	36
10	Advances in breeding and biotechnology of legume crops. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 127, 561-584.	1.2	36
11	Identification of Lycopene epsilon cyclase (LCYE) gene mutants to potentially increase $\beta$ -carotene content in durum wheat ( <i>Triticum turgidum</i> L.ssp. durum) through TILLING. <i>PLoS ONE</i> , 2018, 13, e0208948.	1.1	27
12	Genotypic and environmental factors and their interactions determine semolina color of elite genotypes of durum wheat ( <i>Triticum turgidum</i> L. var. durum) grown in different environments of Chile. <i>Field Crops Research</i> , 2013, 149, 234-244.	2.3	22
13	Drying Rates following Priming Affect Temperature Sensitivity of Germination and Longevity of Lettuce Seeds. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 778-781.	0.5	22
14	Unraveling agronomic and genetic aspects of runner bean ( <i>Phaseolus coccineus</i> L.). <i>Field Crops Research</i> , 2017, 206, 86-94.	2.3	19
15	Susceptibility to Preharvest Sprouting of Chilean and Australian Elite Cultivars of Common Wheat. <i>Crop Science</i> , 2017, 57, 462-474.	0.8	18
16	Molecular Mapping and Genomics of Grain Yield in Durum Wheat: A Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7021.	1.8	16
17	Association of phytoene synthase Psy1-A1 and Psy1-B1 allelic variants with semolina yellowness in durum wheat ( <i>Triticum turgidum</i> L. var. durum). <i>Euphytica</i> , 2016, 207, 109-117.	0.6	14
18	A Comprehensive Review on Chickpea ( <i>Cicer arietinum</i> L.) Breeding for Abiotic Stress Tolerance and Climate Change Resilience. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6794.	1.8	14

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19	Phenolic-driven sensory changes in functional foods. <i>Journal of Food Bioactives: an Official Scientific Publication of the International Society of Nutraceuticals and Functional Foods (ISNFF)</i> , 0, 5, 6-7.	2.4	9
20	Improving durum wheat ( <i>Triticum turgidum</i> L. var durum) grain yellow pigment content through plant breeding. <i>Ciencia E Investigacion Agraria</i> , 2013, 40, 475-490.	0.2	8
21	Phytoene synthase 1 (Psy-1) and lipoxygenase 1 (Lpx-1) Genes Influence on Semolina Yellowness in Wheat Mediterranean Germplasm. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4669.	1.8	8
22	An update on genetically modified crops. <i>Ciencia E Investigacion Agraria</i> , 2008, 35, .	0.2	7
23	Transcripts levels of Phytoene synthase 1 ( Psy-1 ) are associated to semolina yellowness variation in durum wheat ( <i>Triticum turgidum</i> L. ssp. durum ). <i>Journal of Cereal Science</i> , 2016, 68, 155-163.	1.8	7
24	Do Flavonoids from Durum Wheat Contribute to Its Bioactive Properties? A Prospective Study. <i>Molecules</i> , 2021, 26, 463.	1.7	7
25	Soluble Free, Esterified and Insoluble-Bound Phenolic Antioxidants from Chickpeas Prevent Cytotoxicity in Human Hepatoma HuH-7 Cells Induced by Peroxyl Radicals. <i>Antioxidants</i> , 2022, 11, 1139.	2.2	7
26	New Findings in the Amino Acid Profile and Gene Expression in Contrasting Durum Wheat Gluten Strength Genotypes during Grain Filling. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5521-5528.	2.4	5
27	Physiological and Yield Responses of Green-Shelled Beans ( <i>Phaseolus vulgaris</i> L.) Grown under Restricted Irrigation. <i>Agronomy</i> , 2021, 11, 562.	1.3	4
28	Chickpeas from a Chilean Region Affected by a Climate-Related Catastrophe: Effects of Water Stress on Grain Yield and Flavonoid Composition. <i>Molecules</i> , 2022, 27, 691.	1.7	1