

Esteban SÃ¡nchez ChÃ¡vez

List of Publications by Year in descending order

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48
papers

1,586
citations

393982

19
h-index

301761

39
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48
all docs

48
docs citations

48
times ranked

2089
citing authors

#	ARTICLE	IF	CITATIONS
1	Assaying the efficiency of sulfate, chelate and zinc nanoparticle fertilizers in green bean grown in alkaline soil. <i>Journal of Plant Nutrition</i> , 2023, 46, 653-664.	0.9	1
2	Efficiency and assimilation of nitrogen in bean plants through foliar application of zinc and molybdenum nano fertilizer. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2022, 50, 12719.	0.5	2
3	Biofortification efficiency with magnesium salts on the increase of bioactive compounds and antioxidant capacity in snap beans. <i>Ciencia Rural</i> , 2021, 51, .	0.3	3
4	Changes in nutrient concentration and oxidative metabolism in pecan leaflets at different doses of zinc. <i>Plant, Soil and Environment</i> , 2021, 67, 33-39.	1.0	10
5	Processing effect on the bioactive compounds content of Mexican jalapeño peppers for chipotle () Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.2	2
6	Phosphorus and Carbohydrate Metabolism in Green Bean Plants Subjected to Increasing Phosphorus Concentration in the Nutrient Solution. <i>Agronomy</i> , 2021, 11, 245.	1.3	19
7	Impact of the foliar application of nanoparticles, sulfate and iron chelate on the growth, yield and nitrogen assimilation in green beans. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12437.	0.5	5
8	Efficiency of foliar application of zinc oxide nanoparticles versus zinc nitrate complexed with chitosan on nitrogen assimilation, photosynthetic activity, and production of green beans (<i>Phaseolus</i>) Tj ETQq0 0 0.176 BT /Overlock 10 T	0.1	0
9	Zinc sulphate or zinc nanoparticle applications to leaves of green beans. <i>Folia Horticulturae</i> , 2021, 33, 365-375.	0.6	16
10	Impact of the foliar application of magnesium nanofertilizer on physiological and biochemical parameters and yield in green beans. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2020, 48, 2167-2181.	0.5	17
11	Efficiency of Nanoparticle, Sulfate, and Zinc-Chelate Use on Biomass, Yield, and Nitrogen Assimilation in Green Beans. <i>Agronomy</i> , 2019, 9, 128.	1.3	17
12	Caracterización mineral de manzana "Red Delicious"™ y "Golden Delicious"™ de dos países productores. <i>TECNOCENCIA (México)</i> , 2018, 1, 6-17.	0.1	0
13	Role of the Zinc Nutritional Status on Main Physiological Bioindicators of the Pecan Tree. <i>Agricultural Sciences</i> , 2017, 08, 1327-1336.	0.2	0
14	Influencia de la variedad, portainjerto y época de cosecha en la calidad e índices de madurez en pimiento morrón. <i>Nova Scientia</i> , 2017, 9, 1.	0.0	1
15	Bioactive Compounds and Antioxidant Activity in Different Grafted Varieties of Bell Pepper. <i>Antioxidants</i> , 2015, 4, 427-446.	2.2	70
16	Proline, Betaine, and Choline Responses to Different Phosphorus Levels in Green Bean. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 465-472.	0.6	13
17	Phosphorus Levels Influence Plasma Membrane H ⁺ -ATPase Activity and K ⁺ , Ca ²⁺ , and Mg ²⁺ Assimilation in Green Bean. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 456-464.	0.6	6
18	Characterization of the Nutraceutical Quality and Antioxidant Activity in Bell Pepper in Response to Grafting. <i>Molecules</i> , 2013, 18, 15689-15703.	1.7	33

#	ARTICLE	IF	CITATIONS
19	Carbonic Anhydrase and Zinc in Plant Physiology. Chilean Journal of Agricultural Research, 2012, 72, 140-146.	0.4	42
20	Computational characterization of sodium selenite using density functional theory. Journal of Molecular Modeling, 2011, 17, 701-708.	0.8	1
21	Effect of Vermicompost and Compost on Lettuce Production. Chilean Journal of Agricultural Research, 2010, 70, 583-589.	0.4	49
22	<i>Salmonella</i> spp. and <i>Escherichia coli</i> : survival and growth in plant tissue. New Zealand Journal of Crop and Horticultural Science, 2010, 38, 47-55.	0.7	19
23	Short communication. Effective pollination period in "RedChief" and "Golden Delicious" apples (Malus Tj ETQq1 1 0.784314 rgBT /Overl	0.3	7
24	Yield and biosynthesis of nitrogenous compounds in fruits of green bean (Phaseolus vulgaris L cv) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 84, 575-580.	1.7	7
25	Changes in biomass, enzymatic activity and protein concentration in roots and leaves of green bean plants (Phaseolus vulgaris L. cv. Strike) under high NH ₄ NO ₃ application rates. Scientia Horticulturae, 2004, 99, 237-248.	1.7	65
26	Does grafting provide tomato plants an advantage against H ₂ O ₂ production under conditions of thermal shock?. Physiologia Plantarum, 2003, 117, 44-50.	2.6	75
27	Influence of temperature on biomass, iron metabolism and some related bioindicators in tomato and watermelon plants. Journal of Plant Physiology, 2003, 160, 1065-1071.	1.6	17
28	Iron Metabolism in Tomato and Watermelon Plants: Influence of Nitrogen Source. Journal of Plant Nutrition, 2003, 26, 2413-2424.	0.9	6
29	Is the Application of Carbendazim Harmful to Healthy Plants? Evidence of Weak Phytotoxicity in Tobacco. Journal of Agricultural and Food Chemistry, 2002, 50, 279-283.	2.4	22
30	BORON EFFECT ON MINERAL NUTRIENTS OF TOBACCO. Journal of Plant Nutrition, 2002, 25, 509-522.	0.9	42
31	Proline metabolism in response to nitrogen toxicity in fruit of French Bean plants (Phaseolus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5 33	1.7	33
32	Is phenol oxidation responsible for the short-term effects of boron deficiency on plasma-membrane permeability and function in squash roots?. Plant Physiology and Biochemistry, 2002, 40, 853-858.	2.8	31
33	Proline metabolism and NAD kinase activity in greenbean plants subjected to cold-shock. Phytochemistry, 2002, 59, 473-478.	1.4	88
34	Title is missing!. Plant Growth Regulation, 2002, 36, 231-236.	1.8	6
35	Title is missing!. Plant Growth Regulation, 2002, 36, 261-265.	1.8	22
36	Response of oxidative metabolism in watermelon plants subjected to cold stress. Functional Plant Biology, 2002, 29, 643.	1.1	27

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37	Direct Action of the Biocide Carbendazim on Phenolic Metabolism in Tobacco Plants. Journal of Agricultural and Food Chemistry, 2001, 49, 131-137.	2.4	27
38	Proline metabolism in response to highest nitrogen dosages in green bean plants (<i>Phaseolus vulgaris</i>) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	1.8	72
39	Resistance to cold and heat stress: accumulation of phenolic compounds in tomato and watermelon plants. Plant Science, 2001, 160, 315-321.	1.7	560
40	CHEMICAL TREATMENTS IN "GOLDEN DELICIOUS SPUR" FRUITS IN RELATION TO RUSSETING AND NUTRITIONAL STATUS. Journal of Plant Nutrition, 2001, 24, 191-202.	0.9	18
41	Preliminary studies on the influence of boron on the foliar biomass and quality of tobacco leaves subjected to fertilisation. Journal of the Science of Food and Agriculture, 2001, 81, 739-744.	1.7	8
42	Effect of calcium on mineral nutrient uptake and growth of tobacco. Journal of the Science of Food and Agriculture, 2001, 81, 1334-1338.	1.7	39
43	The response of proline metabolism to nitrogen deficiency in pods and seeds of French bean (<i>Phaseolus vulgaris</i> L. cv. Strike) plants. Journal of the Science of Food and Agriculture, 2001, 81, 1471-1475.	1.7	4
44	METABOLISM AND EFFICIENCY OF PHOSPHORUS UTILIZATION DURING SENESCENCE IN PEPPER PLANTS: RESPONSE TO NITROGENOUS AND POTASSIUM FERTILIZATION. Journal of Plant Nutrition, 2001, 24, 1731-1743.	0.9	10
45	Response of oxidative metabolism to the application of carbendazim plus boron in tobacco. Functional Plant Biology, 2001, 28, 801.	1.1	6
46	Phenolic and Oxidative Metabolism as Bioindicators of Nitrogen Deficiency in French Bean Plants (<i>Phaseolus vulgaris</i> L. cv. Strike). Plant Biology, 2000, 2, 272-277.	1.8	23
47	Role of CaCl ₂ in Ammonium Assimilation in Roots of Tobacco Plants (<i>Nicotiana tabacum</i> L.). Journal of Plant Physiology, 2000, 156, 672-677.	1.6	23
48	Patrones para estimar la fertilidad del suelo mediante la técnica de cromatografía de Pfeiffer. Terra Latinoamericana, 0, 39, .	0.3	0