

Juan Carlos DÃ-az-PÃ©rez

List of Publications by Year in descending order

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67
papers

1,668
citations

304743

22
h-index

302126

39
g-index

67
all docs

67
docs citations

67
times ranked

1649
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface and Internalized Escherichia coli O157: H7 on Field-Grown Spinach and Lettuce Treated with Spray-Contaminated Irrigation Water. <i>Journal of Food Protection</i> , 2010, 73, 1023-1029.	1.7	162
2	Fruit size and stage of ripeness affect postharvest water loss in bell pepper fruit (<i>Capsicum annuum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.5	93
3	Colored Plastic Film Mulches Affect Tomato Growth and Yield Via Changes in Root-zone Temperature. <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 127-135.	1.0	91
4	Natural Infestation of Onion Seed by <i>Pantoea ananatis</i> , Causal Agent of Center Rot. <i>Plant Disease</i> , 2002, 86, 106-111.	1.4	89
5	Infrequent Internalization of Escherichia coli O157:H7 into Field-Grown Leafy Greens. <i>Journal of Food Protection</i> , 2010, 73, 500-506.	1.7	78
6	Bell Pepper (<i>Capsicum annuum</i> L.) Crop as Affected by Shade Level: Microenvironment, Plant Growth, Leaf Gas Exchange, and Leaf Mineral Nutrient Concentration. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013, 48, 175-182.	1.0	66
7	Growth and yield of muskmelon in response to plastic mulch and row covers. <i>Scientia Horticulturae</i> , 2001, 87, 139-145.	3.6	61
8	Physical and chemical properties of pomegranate fruit accessions from Croatia. <i>Food Chemistry</i> , 2015, 177, 53-60.	8.2	61
9	Potential for Using Sunn Hemp as a Source of Biomass and Nitrogen for the Piedmont and Coastal Plain Regions of the Southeastern USA. <i>Agronomy Journal</i> , 2007, 99, 1448-1457.	1.8	57
10	Ripening in papaya fruit is altered by ACC oxidase cosuppression. <i>Transgenic Research</i> , 2009, 18, 89-97.	2.4	52
11	Evaluating Brassica species as an alternative control measure for root-knot nematode (<i>M. incognita</i>) in Georgia vegetable plasticulture. <i>Crop Protection</i> , 2007, 26, 1359-1368.	2.1	49
12	Bell Pepper (<i>Capsicum annuum</i> L.) Grown on Plastic Film Mulches: Effects on Crop Microenvironment, Physiological Attributes, and Fruit Yield. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2010, 45, 1196-1204.	1.0	49
13	Root zone temperature, plant growth and yield of broccoli [<i>Brassica oleracea</i> (Plenck) var. <i>italica</i>] as affected by plastic film mulches. <i>Scientia Horticulturae</i> , 2009, 123, 156-163.	3.6	48
14	Quality changes in sapote mamey fruit during ripening and storage. <i>Postharvest Biology and Technology</i> , 2000, 18, 67-73.	6.0	46
15	Bell Pepper (<i>Capsicum annuum</i> L.) Crop as Affected by Shade Level: Fruit Yield, Quality, and Postharvest Attributes, and Incidence of Phytophthora Blight (caused by <i>Phytophthora capsici</i> Leon.). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014, 49, 891-900.	1.0	40
16	Bolting, Yield, and Bulb Decay of Sweet Onion as Affected by Nitrogen Fertilization. <i>Journal of the American Society for Horticultural Science</i> , 2003, 128, 144-149.	1.0	40
17	Effects of plastic mulches on root zone temperature and on the manifestation of tomato spotted wilt symptoms and yield of tomato. <i>Scientia Horticulturae</i> , 2007, 114, 90-95.	3.6	38
18	Transpiration rates in eggplant fruit as affected by fruit and calyx size. <i>Postharvest Biology and Technology</i> , 1998, 13, 45-49.	6.0	37

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19	Relative water content and water potential of tissue 1. <i>Journal of Experimental Botany</i> , 1995, 46, 111-118.	4.8	36
20	Eggplant (<i>Solanum melongena</i> L.) Plant Growth and Fruit Yield as Affected by Drip Irrigation Rate. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 1709-1714.	1.0	34
21	Effects of soil management practices on soil microbial communities and development of southern blight in vegetable production. <i>Applied Soil Ecology</i> , 2015, 91, 58-67.	4.3	29
22	Root Zone Temperature, Plant Growth, and Fruit Yield of Tomatillo as Affected by Plastic Film Mulch. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1312-1319.	1.0	26
23	Microbial quality of leafy green vegetables grown or sold in Accra metropolis, Ghana. <i>Food Control</i> , 2018, 86, 302-309.	5.5	23
24	Allelopathic Effects of Sunnhemp (<i>Crotalaria juncea</i> L.) on Germination of Vegetables and Weeds. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 138-142.	1.0	23
25	Absence of Internalization of <i>Escherichia coli</i> O157:H7 into Germinating Tissue of Field-Grown Leafy Greens. <i>Journal of Food Protection</i> , 2014, 77, 189-196.	1.7	21
26	Kaolin-based Particle Film Has No Effect on Physiological Measurements, Disease Incidence or Yield in Peppers. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 98-101.	1.0	21
27	Response of sapote mamey [<i>Pouteria sapota</i> (Jacq.) H.E. Moore&Stearn] fruit to hot water treatments. <i>Postharvest Biology and Technology</i> , 2001, 22, 159-167.	6.0	20
28	Evaluation of the fungicidal properties of plant extracts to reduce <i>Rhizopus stolonifer</i> of â€˜ciruelaâ€™™ fruit (<i>Spondias purpurea</i> L.) during storage. <i>Postharvest Biology and Technology</i> , 2000, 20, 99-106.	6.0	19
29	Effects of Mulch and Irrigation System on Sweet Onion: I. Bolting, Plant Growth, and Bulb Yield and Quality. <i>Journal of the American Society for Horticultural Science</i> , 2004, 129, 218-224.	1.0	18
30	Modeling the ripening of sapote mamey 6 <i>Pouteria sapota</i> (Jacq.) H.E. Moore and Stearn9 fruit at various temperatures. <i>Postharvest Biology and Technology</i> , 2003, 28, 199-202.	6.0	16
31	Effect of irrigation level on plant growth, physiology and fruit yield and quality in bell pepper (<i>Capsicum annuum</i> L.). <i>Scientia Horticulturae</i> , 2021, 281, 109902.	3.6	14
32	Plastic-mulched Bell Pepper (<i>Capsicum annuum</i> L.) Plant Growth and Fruit Yield and Quality as Influenced by Irrigation Rate and Calcium Fertilization. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 774-781.	1.0	13
33	Growth and Yield of Tomato on Plastic Film Mulches as Affected by Tomato Spotted Wilt Virus. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2003, 38, 395-399.	1.0	13
34	Internalization of <i>Escherichia coli</i> O157:H7 following Spraying of Cut Shoots When Leafy Greens Are Regrown for a Second Crop. <i>Journal of Food Protection</i> , 2013, 76, 2052-2056.	1.7	12
35	Growth, Yield and Enzyme Activity Response of Watermelon Accessions Exposed to Irrigation Water Deficit. <i>International Journal of Vegetable Science</i> , 2018, 24, 323-337.	1.3	12
36	Effects of Mulch and Irrigation System on Sweet Onion: II. The Epidemiology of Center Rot. <i>Journal of the American Society for Horticultural Science</i> , 2004, 129, 225-230.	1.0	11

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37	Sweet Onion (<i>Allium cepa</i> L.) as Influenced by Organic Fertilization Rate: 2. Bulb Yield and Quality before and after Storage. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 459-464.	1.0	10
38	Foliar Aspersión of Salicylic Acid Improves Nutraceutical Quality and Fruit Yield in Tomato. <i>Agriculture (Switzerland)</i> , 2020, 10, 482.	3.1	10
39	Disposition of Salmonella and Escherichia coli O157:H7 following Spraying of Contaminated Water on Cucumber Fruit and Flowers in the Field. <i>Journal of Food Protection</i> , 2018, 81, 2074-2081.	1.7	9
40	Transmission of human enteric pathogens from artificially-inoculated flowers to vegetable sprouts/seedlings developed via contaminated seeds. <i>Food Control</i> , 2019, 99, 21-27.	5.5	9
41	Transpiration. , 2019, , 157-173.		9
42	Bell Pepper (<i>Capsicum annum</i> L.) under Colored Shade Nets: Fruit Yield, Postharvest Transpiration, Color, and Chemical Composition. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 181-187.	1.0	9
43	Sweet Onion (<i>Allium cepa</i>) Plant Growth and Bulb Yield and Quality as Affected by Potassium and Sulfur Fertilization Rates. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2016, 51, 1592-1595.	1.0	8
44	Survival of Salmonella enterica and Escherichia coli O157:H7 Sprayed onto the Foliage of Field-Grown Cabbage Plants. <i>Journal of Food Protection</i> , 2019, 82, 479-485.	1.7	8
45	Controlled Atmosphere Storage for Pomegranates (<i>Punica granatum</i> L.): Benefits over Regular Air Storage. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 1061-1066.	1.0	7
46	Bell Pepper (<i>Capsicum annum</i> L.) under Colored Shade Nets: Plant Growth and Physiological Responses. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 1795-1801.	1.0	7
47	Postharvest fungal rots of sapote mamey <i>Pouteria sapota</i> (Jacq.) H.E. Moore & Stearn. <i>Postharvest Biology and Technology</i> , 2002, 24, 197-200.	6.0	6
48	Sweet Onion (<i>Allium cepa</i> L.) as Influenced by Organic Fertilization Rate: 1. Plant Growth, and Leaf and Bulb Mineral Composition. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 451-458.	1.0	6
49	Subirrigation of Container-Grown Tomato I: Decreased Concentration of the Nutrient Solution Sustains Growth and Yield. <i>Water (Switzerland)</i> , 2019, 11, 2064.	2.7	6
50	Protein signatures to identify the different genera within the Xanthomonadaceae family. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 1515-1526.	2.0	6
51	Acclimatization and subsequent gas exchange, water relations, survival and growth of microcultured apple plantlets after transplanting them in soil. <i>Physiologia Plantarum</i> , 1995, 95, 225-232.	5.2	5
52	Plant water status, plant growth, and fruit yield in bell pepper (<i>Capsicum annum</i> L.) under shade nets. <i>Scientia Horticulturae</i> , 2022, 303, 111241.	3.6	5
53	Detrimental Effects of Blood Meal and Feather Meal on Tomato (<i>Solanum lycopersicon</i> L.) Seed Germination. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 138-141.	1.0	4
54	Seasonal plant growth, leaf and bulb mineral nutrients, and bulb yield and quality under chemical, mixed, and organic fertilization in sweet onion (<i>Allium cepa</i> L.). <i>Journal of Plant Nutrition</i> , 2022, 45, 153-167.	1.9	4

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55	Temporal Relationship between Calcium and Fruit Growth and Development in Bell Pepper (<i>Capsicum</i>) Tj ETQq1 1 906-913.	0.784314 1.0	rgBT /Over 4
56	Irrigation Levels Affect Plant Growth and Fruit Yield of Drip-Irrigated Bell Pepper. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 748B-748.	1.0	3
57	Bell Pepper Plant Growth, Gas Exchange, Mineral Nutrition, Phytophthora Blight, Fruit Yield, and Postharvest Fruit Decay as Affected by Harpin Protein. <i>Communications in Soil Science and Plant Analysis</i> , 2008, 39, 2861-2872.	1.4	2
58	Can Non-fumigant Nematicides Be an Alternative to Fumigation on Carrot Fields?. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 1826-1833.	1.4	2
59	Effect of Compost Application at Transplant Stage and before Planting to the Field on Plant Growth and Fruit Yield in Bell Pepper (<i>Capsicum annum</i> L.). <i>Communications in Soil Science and Plant Analysis</i> , 0, , 1-10.	1.4	2
60	Impact of Shade and Fogging on High Tunnel Production and Mineral Content of Organically Grown Lettuce, Basil, and Arugula in Georgia. <i>Agriculture (Switzerland)</i> , 2021, 11, 625.	3.1	2
61	Physical and Chemical Attributes of Pomegranate (<i>Punica granatum</i> L.) Cultivars Grown in Humid Conditions in Georgia. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 1108-1114.	1.0	2
62	Evaluation of organic and mineral fertilizers on plant growth, minerals, and postharvest quality of celery (<i>Apium graveolens</i> L.). <i>Journal of Plant Nutrition</i> , 2023, 46, 1712-1729.	1.9	2
63	Direct Seeding Short-day Onions in Southeastern Georgia. <i>HortTechnology</i> , 2008, 18, 349-355.	0.9	1
64	Response of Mamey Sapote (<i>Pouteria sapota</i>) Fruits to Postharvest Exogenous Ethylene Applications. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1997, 32, 497A-497.	1.0	1
65	Soil microbial inoculant has no effect on plant growth, fruit yield, fruit disorders, and soilborne diseases in bell pepper. <i>International Journal of Vegetable Science</i> , 2022, 28, 409-416.	1.3	1
66	Training of Growers and Extension Agents in the Dominican Republic on Managing Heat Stress of Bell Pepper (<i>Capsicum annum</i> L.) Grown in High Tunnels. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 1148-1150.	1.0	0
67	DIRECT SEEDING VIDALIA ONIONS. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 885d-885.	1.0	0