John L Jifon

List of Publications by Year
in descending order

85	3,180	147801	168389
papers	citations	31 h-index	53 g-index

87	87	87	3860
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of the DSSATâ€CANEGRO model for simulating the growth of energy cane (Saccharum) Tj ETQq1 1 0.784314 rgBT	1.8	2
2	Profiling carotenoid and sugar contents in unique Cucumis melo L. cultigens harvested from different climatic regions of the United States. Journal of Food Composition and Analysis, 2022, 106, 104306.	3.9	7
3	Frequent asymptomatic infection with tobacco ringspot virus on melon fruit. Virus Research, 2021, 293, 198266.	2.2	9
4	Transition of aromatic volatile and transcriptome profiles during melon fruit ripening. Plant Science, 2021, 304, 110809.	3.6	18
5	Production Systems and Growing Environments Had Stronger Effects than Grafting on the Nutritional Quality of Tomato. ACS Food Science & Technology, 2021, 1, 1399-1411.	2.7	2
6	The Performance of Representative Asian Vegetables in Different Production Systems in Texas. Agronomy, 2021, 11, 1874.	3.0	1
7	Impact of storage period and nanoparticle treatment on phytochemical composition of watermelons (Citrullus lanatus). Journal of Food Composition and Analysis, 2021, 104, 104139.	3.9	3
8	Use of bioreactors for large-scale multiplication of sugarcane (Saccharum spp.), energy cane (Saccharum spp.), and related species. In Vitro Cellular and Developmental Biology - Plant, 2020, 56, 366-376.	2.1	16
9	Agronomic performance of the lignocellulosic feedstock crop energy cane in the Texas Rolling Plains. Agronomy Journal, 2020, 112, 3816-3831.	1.8	4
10	Unprecedented enhancement of recombinant protein production in sugarcane culms using a combinatorial promoter stacking system. Scientific Reports, 2020, 10, 13713.	3.3	11
11	Stability of yield and its components in grafted tomato tested across multiple environments in Texas. Scientific Reports, 2020, 10, 13535.	3.3	11
12	Nanoparticle-Mediated Seed Priming Improves Germination, Growth, Yield, and Quality of Watermelons (Citrullus lanatus) at multi-locations in Texas. Scientific Reports, 2020, 10, 5037.	3.3	192
13	Green-Synthesized Nanoparticles Enhanced Seedling Growth, Yield, and Quality of Onion (Allium) Tj ETQq1 1 0.784314 rgBT /Over	6.7	102
14	First Report of Cotton leaf curl Gezira virus and Its Associated Alphasatellite and Betasatellite from Disease Affected Okra Plants in the United States. Plant Disease, 2019, 103, 3291.	1.4	8
15	Growth Response and Productivity of Sorghum for Bioenergy Production in South Texas. Transactions of the ASABE, 2019, 62, 1207-1218.	1.1	8
16	Rhizosphere microbial biomass is affected by soil type, organic and water inputs in a bell pepper system. Applied Soil Ecology, 2019, 138, 80-87.	4.3	34
17	Physiological Effects of Exogenously Applied Reflectants and Anti-Transpirants on Leaf Temperature and Fruit Sunburn in Citrus. Plants, 2019, 8, 549.	3.5	12
18	A Genotyping-by-sequencing Single Nucleotide Polymorphismâ€“based Map and Genetic Analysis of Root Traits in an Interspecific Tomato Population. Journal of the American Society for Horticultural Science, 2019, 144, 394-404.	1.0	4

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19	Provitamin A biofortification of cassava enhances shelf life but reduces dry matter content of storage roots due to altered carbon partitioning into starch. Plant Biotechnology Journal, 2018, 16, 1186-1200.	8.3	49
20	Ground penetrating radar (GPR) detects fine roots of agricultural crops in the field. Plant and Soil, 2018, 423, 517-531.	3.7	67
21	Energycane growth dynamics and potential early harvest penalties along the Texas Gulf Coast. Biomass and Bioenergy, 2018, 113, 1-14.	5.7	4
22	Transcriptomic analysis of transgressive segregants revealed the central role of photosynthetic capacity and efficiency in biomass accumulation in sugarcane. Scientific Reports, 2018, 8, 4415.	3.3	17
23	Importance of Zinc for Arabica Coffee and Its Effects on the Chemical Composition of Raw Grain and Beverage Quality. Crop Science, 2018, 58, 1360-1370.	1.8	21
24	Boron, Copper, and Zinc Affect the Productivity, Cup Quality, and Chemical Compounds in Coffee Beans. Journal of Food Quality, 2018, 2018, 1-14.	2.6	11
25	Influence of Photoselective Shade Nettings on Postharvest Quality of Vegetables. , 2018, , 121-138.		6
26	Contrasting amino acid profiles among permissive and non-permissive hosts of Candidatus Liberibacter asiaticus, putative causal agent of Huanglongbing. PLoS ONE, 2017, 12, e0187921.	2.5	14
27	Quality Matters: Influences of Citrus Flush Physicochemical Characteristics on Population Dynamics of the Asian Citrus Psyllid (Hemiptera: Liviidae). PLoS ONE, 2016, 11, e0168997.	2.5	53
28	Variety-specific responses of lettuce grown under the different-coloured shade nets on phytochemical quality after postharvest storage. Journal of Horticultural Science and Biotechnology, 2016, 91, 520-528.	1.9	22
29	Enhanced Acquisition Rates of â€˜CandidatusLiberibacter asiaticusâ€™ by the Asian Citrus Psyllid (Hemiptera: Liviidae) in the Presence of Vegetative Flush Growth in Citrus. Journal of Economic Entomology, 2016, 109, 1973-1978.	1.8	26
30	Spectral quality of photo-selective nets improves phytochemicals and aroma volatiles in coriander leaves (Coriandrum sativum L.) after postharvest storage. Journal of Photochemistry and Photobiology B: Biology, 2016, 161, 328-334.	3.8	44
31	Lettuce (Lactuca sativaL.) growth, yield and quality response to nitrogen fertilization in a non-circulating hydroponic system. Journal of Plant Nutrition, 2016, 39, 1766-1775.	1.9	36
32	Productivity of Onions Using Subsurface Drip Irrigation versus Furrow Irrigation Systems with an Internet Based Irrigation Scheduling Program. International Journal of Agronomy, 2015, 2015, 1-6.	1.2	18
33	Effects of salinity on physiological parameters of grafted and ungrafted citrus trees. Scientia Horticulturae, 2015, 197, 483-489.	3.6	15
34	Short-term water stress affecting NO 3 â^' absorption by almond plants. Scientia Horticulturae, 2015, 197, 50-56.	3.6	10
35	Postharvest responses of red and yellow sweet peppers grown under photo-selective nets. Food Chemistry, 2015, 173, 951-956.	8.2	54
36	â€˜Pacalâ€™ Orange Casaba: A Multi-disease Resistant, Specialty Melon Cultivar from Texas A&M AgriLife Research. Hortscience: A Publication of the American Society for Hortcultural Science, 2015, 50, 1723-1725.	1.0	0

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37	Economics and Uncertainty of Lignocellulosic Biofuel Production from Energy Cane and Sweet Sorghum in South Texas. Journal of Agricultural & Applied Economics, 2014, 46, 457-485.	1.4	15
38	Ascorbic acid, capsaicinoid, and flavonoid aglycone concentrations as a function of fruit maturity stage in greenhouse-grown peppers. Journal of Food Composition and Analysis, 2014, 33, 195-202.	3.9	59
39	Summer (Subarctic) versus Winter (Subtropic) Production Affects Spinach (Spinacia oleracea) Tj ETQq1 1 0.784314 rgBT /Ove Antioxidants. Journal of Agricultural and Food Chemistry, 2013, 61, 7019-7027.	5.2	43
40	Heterosis in different F1 Capsicum annuum genotypes for fruit traits, ascorbic acid, capsaicin, and flavonoids. Scientia Horticulturae, 2013, 159, 72-79.	3.6	13
41	Purification of coumarins, including meranzin and pranferin, from grapefruit by solvent partitioning and a hyphenated chromatography. Separation and Purification Technology, 2013, 116, 137-144.	7.9	12
42	Simultaneous Quantification of Capsaicinoids and Ascorbic Acid from Pungent Peppers. Journal of Chromatographic Science, 2013, 51, 412-418.	1.4	11
43	Photosynthetic capacity and water use efficiency in sugarcane genotypes subject to water deficit during early growth phase. Brazilian Archives of Biology and Technology, 2013, 56, 735-748.	0.5	86
44	Water Use Efficiency and Net Return of Two Bioenergy Crops. , 2013, , .		1
45	Pre- and Postharvest Muskmelon Fruit Cracking: Causes and Potential Remedies. HortTechnology, 2013, 23, 266-275.	0.9	11
46	Bioactive Compounds in Peppers and Their Antioxidant Potential. ACS Symposium Series, 2012, , 43-56.	0.5	5
47	An improved sample preparation method for quantification of ascorbic acid and dehydroascorbic acid by HPLC. LWT - Food Science and Technology, 2012, 47, 443-449.	5.2	84
48	Diurnal Patterns of Flight Activity and Effects of Light on Host Finding Behavior of the Asian Citrus Psyllid. Journal of Insect Behavior, 2012, 25, 264-276.	0.7	58
49	Influence of Extraction Solvents on Antioxidant Activity and the Content of Bioactive Compounds in Non-pungent Peppers. Plant Foods for Human Nutrition, 2012, 67, 120-128.	3.2	39
50	Extraction efficiency and validation of an HPLC method for flavonoid analysis in peppers. Food Chemistry, 2012, 130, 751-758.	8.2	77
51	Variation of antioxidant activity and the levels of bioactive compounds in lipophilic and hydrophilic extracts from hot pepper (Capsicum spp.) cultivars. Food Chemistry, 2012, 134, 1912-1918.	8.2	97
52	Environmental and Genotypic Variation of Capsaicinoid and Flavonoid Concentrations in Habanero (Capsicum chinense) Peppers. Hortscience: A Publication of the American Society for Hortcultural Science, 2012, 47, 574-579.	1.0	22
53	Use of Physiological Parameters in Screening Drought Tolerance in Sugarcane Genotypes. Sugar Tech, 2011, 13, 191-197.	1.8	30
54	Impact of potassium nutrition on postharvest fruit quality: Melon (Cucumis melo L) case study. Plant and Soil, 2010, 335, 117-131.	3.7	120

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55	An energy budget approach for evaluating the biocontrol potential of cotton aphid (<i>Aphis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 136, 72-79.	1.4	12
56	Isolating promoters of multigene family members from the polyploid sugarcane genome by PCR-based walking in BAC DNA. Genome, 2010, 53, 840-847.	2.0	9
57	Rapid Screening for Relative Salt Tolerance among Chile Pepper Genotypes. Hortscience: A Publication of the American Society for Hortcultural Science, 2010, 45, 1192-1195.	1.0	12
58	Salinity and Soil Type Effects on Emergence and Growth of Pepper Seedlings. Hortscience: A Publication of the American Society for Hortcultural Science, 2010, 45, 1265-1269.	1.0	7
59	Foliar potassium fertilization improves fruit quality of fieldâ€grown muskmelon on calcareous soils in south Texas. Journal of the Science of Food and Agriculture, 2009, 89, 2452-2460.	3.5	37
60	Superoxide Dismutase Activity in Mesocarp Tissue from Divergent Cucumis melo L. Genotypes. Plant Foods for Human Nutrition, 2009, 64, 205-211.	3.2	5
61	Zebra chip disease incidence on potato is influenced by timing of potato psyllid infestation, but not by the host plants on which they were reared. Insect Science, 2009, 16, 399-408.	3.0	45
62	Characterization of Shortday Onion Cultivars of 3 Pungency Levels with Flavor Precursor, Free Amino Acid, Sulfur, and Sugar Contents. Journal of Food Science, 2009, 74, C475-80.	3.1	42
63	Onion yield and quality response to two irrigation scheduling strategies. Scientia Horticulturae, 2009, 120, 301-305.	3.6	55
64	Application of extra sulfur to high-sulfur soils does not increase pungency and related compounds in shortday onions. Scientia Horticulturae, 2009, 123, 178-183.	3.6	8
65	Variation of bioactive furocoumarins and flavonoids in different varieties of grapefruits and pummelo. European Food Research and Technology, 2008, 226, 1269-1275.	3.3	31
66	Yield components as indicators of drought tolerance of sugarcane. Scientia Agricola, 2008, 65, 620-627.	1.2	90
67	â€˜Chujucâ€™, a New Powdery Mildew-resistant U.S. Western-shipper Melon with High Sugar and Î²-Carotene Content. Hortscience: A Publication of the American Society for Hortcultural Science, 2008, 43, 1904-1906.	1.0	6
68	Subsurface drip irrigation of onions: Effects of drip tape emitter spacing on yield and quality. Agricultural Water Management, 2007, 92, 126-130.	5.6	29
69	Use of physiological parameters as fast tools to screen for drought tolerance in sugarcane. Brazilian Journal of Plant Physiology, 2007, 19, 193-201.	0.5	217
70	â€˜TAM Dulcitoâ€™, a New, Multiple Virus-resistant Sweet JalapeÃ±o Pepper. Hortscience: A Publication of the American Society for Hortcultural Science, 2007, 42, 1488-1489.	1.0	3
71	Gas Exchange, Water Status, and Growth of Pepper Seedlings Exposed to Transient Water Deficit Stress are Differentially Altered by Antitranspirants. Journal of the American Society for Horticultural Science, 2007, 132, 603-610.	1.0	27
72	Supplemental Foliar Potassium Applications with or without a Surfactant can Enhance Netted Muskmelon Quality. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 741-744.	1.0	51

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73	Growth Environment and Leaf Anatomy Affect Nondestructive Estimates of Chlorophyll and Nitrogen in Citrus sp. Leaves. Journal of the American Society for Horticultural Science, 2005, 130, 152-158.	1.0	100
74	High Temperature-induced Sink Limitation Alters Growth and Photosynthetic Acclimation to Elevated CO2 in Bean (Phaseolus vulgaris L.). Journal of the American Society for Horticultural Science, 2005, 130, 515-520.	1.0	18
75	Supplemental Foliar Potassium Applications during Muskmelon Fruit Development Can Improve Fruit Quality, Ascorbic Acid, and Beta-carotene Contents. Journal of the American Society for Horticultural Science, 2005, 130, 649-653.	1.0	71
76	Influence of Colored Plastic Mulches on Soil Temperature and Muskmelon Root Respiration. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 802A-802.	1.0	0
77	Moderate shade can increase net gas exchange and reduce photoinhibition in citrus leaves. Tree Physiology, 2003, 23, 119-127.	3.1	159
78	Kaolin Particle Film Applications Can Increase Photosynthesis and Water Use Efficiency of `Ruby Red' Grapefruit Leaves. Journal of the American Society for Horticultural Science, 2003, 128, 107-112.	1.0	115
79	Gas exchange, chlorophyll and nutrient contents in relation to Na+ and Clâ^' accumulation in â€˜Sunburstâ€™ mandarin grafted on different rootstocks. Plant Science, 2002, 162, 705-712.	3.6	137
80	Growth depression of mycorrhizal Citrus seedlings grown at high phosphorus supply is mitigated by elevated CO2. New Phytologist, 2002, 153, 133-142.	7.3	76
81	Photosynthetic acclimation to elevated CO2 in Phaseolus vulgaris L. is altered by growth response to nitrogen supply. Global Change Biology, 2002, 8, 1018-1027.	9.5	51
82	Foliar-Applied Surfactants and Urea Temporarily Reduce Carbon Assimilation of Grapefruit Leaves. Journal of the American Society for Horticultural Science, 2001, 126, 486-490.	1.0	7
83	Elevated atmospheric CO2 and species mixture alter N acquisition of trees in stand microcosms. Canadian Journal of Forest Research, 2000, 30, 827-836.	1.7	7
84	476 Reducing Midday Irradiance Increases Net CO2 Assimilation in Citrus Leaves. Hortscience: A Publication of the American Society for Hortcultural Science, 2000, 35, 476B-476.	1.0	0
85	Species mixture and soil-resource availability affect the root growth response of tree seedlings to elevated atmospheric CO21. Canadian Journal of Forest Research, 1995, 25, 824-832.	1.7	12