

Christopher I Vincent

List of Publications by Year in descending order

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papers

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858243

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times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Phloem transport limitation in Huanglongbing-affected sweet orange is dependent on phloem-limited bacteria and callose. <i>Tree Physiology</i> , 2022, 42, 379-390.	1.4	16
2	Short-term warming does not affect intrinsic thermotolerance but induces strong sustaining photoprotection in tropical evergreen citrus genotypes. <i>Plant, Cell and Environment</i> , 2022, 45, 105-120.	2.8	8
3	Root:shoot balance controls flush phenology and carbohydrate translocation dynamics in citrus (<i>Citrus x sinensis</i>) trunk. <i>Physiologia Plantarum</i> , 2022, 174, .	2.6	4
4	Application of silicon nanoparticles enhances oxidative stress tolerance in salt stressed 'Valencia'™ sweet orange plants. <i>Scientia Horticulturae</i> , 2022, 295, 110856.	1.7	29
5	Citrus photosynthesis and morphology acclimate to phloem-affecting huanglongbing disease at the leaf and shoot levels. <i>Physiologia Plantarum</i> , 2022, 174, e13662.	2.6	7
6	Root hair quantification is an accessible approach to phenotyping important functional traits. <i>Journal of Experimental Botany</i> , 2022, 73, 3304-3307.	2.4	3
7	Root system size and root hair length are key phenes for nitrate acquisition and biomass production across natural variation in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2022, 73, 3569-3583.	2.4	18
8	Spectral light distribution affects photosynthesis, leaf reflective indices, antioxidant activity and growth of <i>Vanilla planifolia</i> . <i>Plant Physiology and Biochemistry</i> , 2022, 182, 145-153.	2.8	5
9	The Total Population Size of 'Candidatus' <i>Liberibacter asiaticus</i> ™ Inside the Phloem of Citrus Trees and the Corresponding Metabolic Burden Related to Huanglongbing Disease Development. <i>Phytopathology</i> , 2021, 111, 1122-1128.	1.1	10
10	Management Options for Improving Flowering in Citrus Production. <i>Edis</i> , 2021, 2021, 6.	0.0	2
11	The mechanism of sugar export from long conifer needles. <i>New Phytologist</i> , 2021, 230, 1911-1924.	3.5	9
12	Understory environment promotes photosynthetic efficiency and mitigates severity and function of an introduced, vectored pathosystem: a study of a feral citrus population in central Florida. <i>Trees - Structure and Function</i> , 2021, 35, 1711-1725.	0.9	6
13	Different strategies lead to a common outcome: different water-deficit scenarios highlight physiological and biochemical strategies of water-deficit tolerance in diploid versus tetraploid Volkamer lemon. <i>Tree Physiology</i> , 2021, 41, 2359-2374.	1.4	19
14	Physiological Responses and Gene Expression Patterns in Open-Pollinated Seedlings of a Pummelo-Mandarin Hybrid Rootstock Exposed to Salt Stress and Huanglongbing. <i>Plants</i> , 2021, 10, 1439.	1.6	6
15	White and red-dyed kaolin particle films reduce Asian citrus psyllid populations, delay huanglongbing infection, and increase citrus growth. <i>Crop Protection</i> , 2021, 150, 105792.	1.0	10
16	Heat shock protein and aquaporin expression enhance water conserving behavior of citrus under water deficits and high temperature conditions. <i>Environmental and Experimental Botany</i> , 2021, 181, 104270.	2.0	30
17	The response of salt-stressed Valencia sweet orange (<i>Citrus sinensis</i>) to salicylic acid and methyl jasmonate treatments. <i>Plant Physiology Reports</i> , 2021, 26, 137-151.	0.7	18
18	Metabolomic analysis elucidates how shade conditions ameliorate the deleterious effects of greening (Huanglongbing) disease in citrus. <i>Plant Journal</i> , 2021, 108, 1798-1814.	2.8	8

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19	Primed acclimation: A physiological process offers a strategy for more resilient and irrigation-efficient crop production. <i>Plant Science</i> , 2020, 295, 110240.	1.7	18
20	Effect of Adjuvants on Oxytetracycline Uptake upon Foliar Application in Citrus. <i>Antibiotics</i> , 2020, 9, 677.	1.5	19
21	Salinity-Induced Physiological Responses of Three Putative Salt Tolerant Citrus Rootstocks. <i>Horticulturae</i> , 2020, 6, 90.	1.2	17
22	The Role of the Xylem in Oxytetracycline Translocation within Citrus Trees. <i>Antibiotics</i> , 2020, 9, 691.	1.5	12
23	Questions and Answers for Using Sunn Hemp (<i>Crotalaria juncea</i> L.) as a Green Manure Cover Crop. <i>Edis</i> , 2020, 2020, 4.	0.0	1
24	Implications of Heat Treatment and Systemic Delivery of Foliar-Applied Oxytetracycline on Citrus Physiological Management and Therapy Delivery. <i>Frontiers in Plant Science</i> , 2019, 10, 41.	1.7	11
25	Noninvasive Determination of Phloem Transport Speed with Carbon-14 (14C). <i>Methods in Molecular Biology</i> , 2019, 2014, 153-162.	0.4	7
26	Extended persistence of Candidatus <i>Liberibacter asiaticus</i> (CLas) DNA in Huanglongbing-affected citrus tissue after bacterial death. <i>Physiological and Molecular Plant Pathology</i> , 2019, 106, 204-207.	1.3	8
27	A plant pathogenic bacterium exploits the tricarboxylic acid cycle metabolic pathway of its insect vector. <i>Virulence</i> , 2018, 9, 99-109.	1.8	37
28	Water-deficit priming of papaya reduces high-light stress through oxidation avoidance rather than anti-oxidant activity. <i>Environmental and Experimental Botany</i> , 2018, 156, 106-119.	2.0	10
29	Sunn hemp intercrop and mulch increases papaya growth and reduces wind speed and virus damage. <i>Scientia Horticulturae</i> , 2017, 218, 304-315.	1.7	9
30	Primed Acclimation of Papaya Increases Short-term Water Use But Does Not Confer Long-term Drought Tolerance. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 441-449.	0.5	8
31	A high-throughput method to quantify root hair area in digital images taken in situ. <i>Plant and Soil</i> , 2017, 412, 61-80.	1.8	28
32	Kinnow mandarin plants grafted on tetraploid rootstocks are more tolerant to Cr-toxicity than those grafted on its diploids one. <i>Environmental and Experimental Botany</i> , 2017, 140, 8-18.	2.0	52
33	Generating relevant information for breeding <i>Passiflora edulis</i> : genetic parameters and population structure. <i>Euphytica</i> , 2016, 208, 609-619.	0.6	21
34	The potential for primed acclimation in papaya (<i>Carica papaya</i> L.): Determination of critical water deficit thresholds and physiological response variables. <i>Scientia Horticulturae</i> , 2015, 194, 344-352.	1.7	15
35	Broad Mite on Primocane-fruiting Blackberry in Organic Production in Arkansas. <i>HortTechnology</i> , 2010, 20, 718-723.	0.5	7
36	2021-2022 Florida Citrus Production Guide: Grove Planning and Establishment. <i>Edis</i> , 0, , .	0.0	1

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37	2020â€“2021 Florida Citrus Production Guide: Grove Planning and Establishment. Edis, 0, , .	0.0	1