

# Juan E Alvaro

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

604  
citations

1040056

9  
h-index

642732

23  
g-index

35  
all docs

35  
docs citations

35  
times ranked

752  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between Endogenous Ethylene Production and Firmness during the Ripening and Cold Storage of Raspberry ( <i>Rubus idaeus</i> "Heritage"™) Fruit. <i>Horticulturae</i> , 2022, 8, 262.	2.8	8
2	Proteomics analysis reveals new insights into surface pitting of sweet cherry cultivars displaying contrasting susceptibility. <i>Journal of Horticultural Science and Biotechnology</i> , 2022, 97, 615-625.	1.9	1
3	Differential Hydraulic Properties and Primary Metabolism in Fine Root of Avocado Trees Rootstocks. <i>Plants</i> , 2022, 11, 1059.	3.5	1
4	Evaluation of aerial and root plant growth behavior, water and nutrient use efficiency and carbohydrate dynamics for Hass avocado grown in a soilless and protected growing system. <i>Scientia Horticulturae</i> , 2021, 277, 109830.	3.6	9
5	Image Analysis Reveals That Lenticel Damage Does Not Result in Black Spot Development but Enhances Dehydration in <i>Persea americana</i> Mill. cv. Hass during Prolonged Storage. <i>Agronomy</i> , 2021, 11, 1699.	3.0	7
6	Enhancing the mechanical and hydraulic properties of coarse quartz sand using a water-soluble hydrogel based on bacterial alginate for novel application in agricultural contexts. <i>Soil Science Society of America Journal</i> , 2021, 85, 1880-1893.	2.2	9
7	Confronting the differential physiology of "Hass"™ avocado grafted onto two different rootstocks in a controlled environment. <i>Acta Horticulturae</i> , 2021, , 129-136.	0.2	1
8	Container Design Affects Shoot and Root Growth of Vegetable Plant. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 787-794.	1.0	10
9	Borage oil: Tocopherols, sterols and squalene in farmed and endemic-wild <i>Borago</i> species. <i>Journal of Food Composition and Analysis</i> , 2019, 83, 103299.	3.9	20
10	Sensors in Precision Agriculture for the Monitoring of Plant Development and Improvement of Food Production. <i>Journal of Sensors</i> , 2019, 2019, 1-2.	1.1	3
11	Primary Metabolism in Avocado Fruit. <i>Frontiers in Plant Science</i> , 2019, 10, 795.	3.6	45
12	Effects of the electrical conductivity of a soilless culture system on gamma linolenic acid levels in borage seed oil. <i>PLoS ONE</i> , 2019, 14, e0207106.	2.5	8
13	The increase in electrical conductivity of nutrient solution enhances compositional and sensory properties of tomato fruit cv. Patrón. <i>Scientia Horticulturae</i> , 2019, 244, 388-398.	3.6	10
14	Effect of pH and Silicon in the Fertigation Solution on Vegetative Growth of Blueberry Plants in Organic Agriculture. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 1423-1428.	1.0	10
15	LED-enhanced dietary and organoleptic qualities in postharvest tomato fruit. <i>Postharvest Biology and Technology</i> , 2018, 145, 151-156.	6.0	38
16	The Use of Thermography Images in the Description of the Humidification Bulb in Soilless Culture. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 1595-1602.	1.4	10
17	Increased Electrical Conductivity in Nutrient Solution Management Enhances Dietary and Organoleptic Qualities in Soilless Culture Tomato. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 868-872.	1.0	44
18	Design of a Modular Vegetative Unit and Fertigation Management for Noise-Abatement Walls in a Semiarid Climate. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017, 143, 04016081.	1.0	1

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19	Nitrification and nitrogen mineralization in agricultural soils contaminated by copper mining activities in Central Chile. <i>Journal of Soil Science and Plant Nutrition</i> , 2017, , 0-0.	3.4	3
20	Densidad y manejo de ejes en plantas injertadas de tomate indeterminadas en invernadero. <i>Horticultura Brasileira</i> , 2017, 35, 542-548.	0.5	0
21	Influence of salinity on transport of Nitrates and Potassium by means of the xylem sap content between roots and shoots in young tomato plants. <i>Journal of Soil Science and Plant Nutrition</i> , 2016, , 0-0.	3.4	8
22	Effect of nutrient solution salinity and ionic concentration on parsley ( <i>Petroselinum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (cr	1.9	12
23	Effect of the Drip Flow Rate with Multiple Manifolds on the Homogeneity of the Delivered Volume. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2015, 141, 04014048.	1.0	5
24	Evaluation of green walls as a passive acoustic insulation system for buildings. <i>Applied Acoustics</i> , 2015, 89, 46-56.	3.3	198
25	Effects of Silicon in the Nutrient Solution for Three Horticultural Plant Families on the Vegetative Growth, Cuticle, and Protection Against <i>Botrytis cinerea</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 1447-1452.	1.0	14
26	Effects of Fertigation Duration on the Pollution, Water Consumption, and Productivity of Soilless Vegetable Cultures. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 819-825.	1.0	8
27	Contribution of thermal imaging to fertigation in soilless culture. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 1033-1039.	3.6	5
28	A New Local Sustainable Inorganic Material for Soilless Culture in Spain: Granulated Volcanic Rock. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014, 49, 1537-1541.	1.0	11
29	RESPONSE OF LIME THYME TO SALINITY AND IONIC CONCENTRATION IN NUTRIENT SOLUTION. <i>Journal of Plant Nutrition</i> , 2013, 36, 562-565.	1.9	4
30	ROCKET PRODUCTION ( <i>ERUCA SATIVA</i> MILL.) IN A FLOATING SYSTEM USING PERACETIC ACID AS OXYGEN SOURCE COMPARED WITH SUBSTRATE CULTURE. <i>Journal of Plant Nutrition</i> , 2011, 34, 1397-1401.	1.9	5
31	Use of Peroxyacetic Acid as Green Chemical on Yield and Sensorial Quality in Watercress ( <i>Nasturtium</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	4.1	7
32	Effects of peracetic acid disinfectant on the postharvest of some fresh vegetables. <i>Journal of Food Engineering</i> , 2009, 95, 11-15.	5.2	73
33	Treatment with Peracetic Acid Extends the Vase Life of <i>Lisianthus</i> ( <i>Eustoma grandiflorum</i> ) Flowers. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 418-420.	1.0	9
34	Remediation of Iron Chlorosis by the Addition of Fe-o,o-EDDHA in the Nutrient Solution Applied to Soilless Culture. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 1434-1436.	1.0	6