

Filippos Bantis

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

766
citations

759233

12
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Current status and recent achievements in the field of horticulture with the use of light-emitting diodes (LEDs). <i>Scientia Horticulturae</i> , 2018, 235, 437-451.	3.6	259
2	Artificial LED lighting enhances growth characteristics and total phenolic content of <i>Ocimum basilicum</i> , but variably affects transplant success. <i>Scientia Horticulturae</i> , 2016, 198, 277-283.	3.6	151
3	A comprehensive review on carotenoids in foods and feeds: <i>status quo</i> , applications, patents, and research needs. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 1999-2049.	10.3	132
4	Assessing Quantitative Criteria for Characterization of Quality Categories for Grafted Watermelon Seedlings. <i>Horticulturae</i> , 2019, 5, 16.	2.8	25
5	Bichromatic red and blue LEDs during healing enhance the vegetative growth and quality of grafted watermelon seedlings. <i>Scientia Horticulturae</i> , 2020, 261, 109000.	3.6	24
6	Light emitting diodes (LEDs) affect morphological, physiological and phytochemical characteristics of pomegranate seedlings. <i>Scientia Horticulturae</i> , 2018, 234, 267-274.	3.6	19
7	Light Spectrum Differentially Affects the Yield and Phytochemical Content of Microgreen Vegetables in a Plant Factory. <i>Plants</i> , 2021, 10, 2182.	3.5	17
8	Physiological and Phytochemical Responses of Spinach Baby Leaves Grown in a PFAL System with LEDs and Saline Nutrient Solution. <i>Agriculture (Switzerland)</i> , 2020, 10, 574.	3.1	14
9	Influence of Pre-Harvest Factors on Postharvest Quality of Fresh-Cut and Baby Leafy Vegetables. <i>Agronomy</i> , 2020, 10, 172.	3.0	14
10	Blue light promotes vascular reconnection, while red light boosts the physiological response and quality of grafted watermelon seedlings. <i>Scientific Reports</i> , 2021, 11, 21754.	3.3	14
11	Impact of Scion and Rootstock Seedling Quality Selection on the Vigor of Watermelon–Interspecific Squash Grafted Seedlings. <i>Agriculture (Switzerland)</i> , 2020, 10, 326.	3.1	13
12	Controlled root-zone temperature effect on baby leaf vegetables yield and quality in a floating system under mild and extreme weather conditions. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3933-3941.	3.5	13
13	Morphology, development, and transplant potential of <i>Prunus avium</i> and <i>Cornus sanguinea</i> seedlings growing under different LED lights. <i>Turkish Journal of Biology</i> , 2017, 41, 314-321.	0.8	10
14	Strategic Successive Harvesting of Rocket and Spinach Baby Leaves Enhanced Their Quality and Production Efficiency. <i>Agriculture (Switzerland)</i> , 2021, 11, 465.	3.1	10
15	Optimal LED Wavelength Composition for the Production of High-Quality Watermelon and Interspecific Squash Seedlings Used for Grafting. <i>Agronomy</i> , 2019, 9, 870.	3.0	9
16	Exploitation of Liquid Digestate as the Sole Nutrient Source for Floating Hydroponic Cultivation of Baby Lettuce (<i>Lactuca sativa</i>) in Greenhouses. <i>Energies</i> , 2021, 14, 7199.	3.1	9
17	Field Performances of Mediterranean Oaks in Replicate Common Gardens for Future Reforestation under Climate Change in Central and Southern Europe: First Results from a Four-Year Study. <i>Forests</i> , 2021, 12, 678.	2.1	6
18	Differential ecophysiological responses to seasonal drought of three co-existing oak species in northern Greece. <i>Plant Biosystems</i> , 2019, 153, 378-384.	1.6	5

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19	Influence of Light Spectra from LEDs and Scion \tilde{A} — Rootstock Genotype Combinations on the Quality of Grafted Watermelon Seedlings. <i>Plants</i> , 2021, 10, 353.	3.5	5
20	A Sustainable Intercropping System for Organically Produced Lettuce and Green Onion with the Use of Arbuscular Mycorrhizal Inocula. <i>Horticulturae</i> , 2022, 8, 466.	2.8	4
21	A Light Recipe including Far-Red Wavelength during Healing of Grafted Watermelon Seedlings Enhances the Floral Development and Yield Earliness. <i>Agriculture (Switzerland)</i> , 2022, 12, 982.	3.1	4
22	Testing the potential of LEDs to enhance growth and quality characteristics of <i>Salvia fruticosa</i> . <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2019, 46, 98-106.	0.9	3
23	Comparative Transcriptome Analysis in Homo- and Hetero-Grafted Cucurbit Seedlings. <i>Frontiers in Plant Science</i> , 2021, 12, 691069.	3.6	3
24	Light Spectrum Variably Affects the Acclimatization of Grafted Watermelon Seedlings While Maintaining Fruit Quality. <i>Horticulturae</i> , 2022, 8, 10.	2.8	2
25	Proposed Light Wavelengths during Healing of Grafted Tomato Seedlings Enhance Their Adaptation to Transplant Shock. <i>Agriculture (Switzerland)</i> , 2022, 12, 797.	3.1	1