Nikolaos Tzortzakis

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124 2,525 27 43 g-index

132 3,274 4.2 6.01 ext. papers ext. citations avg, IF L-index

#	Paper	IF	Citations
124	Ammonium to Total Nitrogen Ratio Interactive Effects with Salinity Application on Solanum lycopersicum Growth, Physiology, and Fruit Storage in a Closed Hydroponic System. <i>Agronomy</i> , 2022 , 12, 386	3.6	2
123	Heat treatment, sodium carbonate, ascorbic acid and rosemary essential oil application for the preservation of fresh Rosmarinus officinalis quality. <i>Postharvest Biology and Technology</i> , 2022 , 187, 111	868	1
122	Salmonella Enteritidis survival in different temperatures and nutrient solution pH levels in hydroponically grown lettuce. <i>Food Microbiology</i> , 2022 , 102, 103898	6	O
121	Essential Oil Composition and Bioactive Properties of Lemon Balm Aerial Parts as Affected by Cropping System and Irrigation Regime. <i>Agronomy</i> , 2022 , 12, 649	3.6	2
120	Vapour Application of Sage Essential Oil Maintain Tomato Fruit Quality in Breaker and Red Ripening Stages <i>Plants</i> , 2021 , 10,	4.5	2
119	Application of Rosemary and Eucalyptus Essential Oils and Their Main Component on the Preservation of Apple and Pear Fruits. <i>Horticulturae</i> , 2021 , 7, 479	2.5	5
118	The Combined and Single Effect of Marjoram Essential Oil, Ascorbic Acid, and Chitosan on Fresh-Cut Lettuce Preservation. <i>Foods</i> , 2021 , 10,	4.9	6
117	Expiration Date of Ready-to-Eat Salads: Effects on Microbial Load and Biochemical Attributes. <i>Foods</i> , 2021 , 10,	4.9	2
116	Effects of Selenium and/or Arbuscular Mycorrhizal Fungal Inoculation on Strawberry Grown in Hydroponic Trial. <i>Agronomy</i> , 2021 , 11, 721	3.6	2
115	Sustainable Agriculture Systems in Vegetable Production Using Chitin and Chitosan as Plant Biostimulants. <i>Biomolecules</i> , 2021 , 11,	5.9	27
114	Performance of Hydroponically Cultivated Geranium and Common Verbena under Salinity and High Electrical Conductivity Levels. <i>Agronomy</i> , 2021 , 11, 1237	3.6	1
113	Quality Attributes and Storage of Tomato Fruits as Affected by an Eco-Friendly, Essential Oil-Based Product. <i>Plants</i> , 2021 , 10,	4.5	3
112	Chemical Composition and Bioactive Properties of Purple French Bean (Phaseolus vulgaris L.) as Affected by Water Deficit Irrigation and Biostimulants Application. <i>Sustainability</i> , 2021 , 13, 6869	3.6	2
111	The use of spent coffee grounds in growing media for the production of Brassica seedlings in nurseries. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 24279-24290	5.1	6
110	Bacterial community dynamics varies with soil management and irrigation practices in grapevines (Vitis vinifera L.). <i>Applied Soil Ecology</i> , 2021 , 158, 103807	5	6
109	Responses to Drought Stress Modulate the Susceptibility to in Self-Rooted Cuttings. <i>Plants</i> , 2021 , 10,	4.5	6
108	Bio-Guided Investigation of Sideritis cypria Methanol Extract Driven by in Vitro Antioxidant and Cytotoxic Assays. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2000966	2.5	4

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107	Organic Cultivation and Deficit Irrigation Practices to Improve Chemical and Biological Activity of Mentha spicata Plants. <i>Agronomy</i> , 2021 , 11, 599	3.6	2
106	NMR Fingerprint Comparison of Cultivated Sideritis spp. from Cyprus. <i>Agronomy</i> , 2021 , 11, 1503	3.6	1
105	Copper Tolerance and Accumulation on LTHE Grown in Hydroponic Culture. Plants, 2021, 10,	4.5	3
104	Morphological Diversity, Genetic Characterization, and Phytochemical Assessment of the Cypriot Tomato Germplasm. <i>Plants</i> , 2021 , 10,	4.5	3
103	Seasonal Variation of Antioxidant Capacity, Phenols, Minerals and Essential Oil Components of Sage, Spearmint and Sideritis Plants Grown at Different Altitudes. <i>Agronomy</i> , 2021 , 11, 1766	3.6	1
102	Polar constituents, biological effects and nutritional value of Boiss. <i>Natural Product Research</i> , 2021 , 1-5	2.3	2
101	Evaluation of Lettuce (Lactuca sativa L.) Production under Hydroponic System: Nutrient Solution Derived from Fish Waste vs. Inorganic Nutrient Solution. <i>Horticulturae</i> , 2021 , 7, 292	2.5	10
100	The Sustainable Use of Cotton, Hazelnut and Ground Peanut Waste in Vegetable Crop Production. <i>Sustainability</i> , 2020 , 12, 8511	3.6	2
99	Sustainable Viticulture: First Determination of the Environmental Footprint of Grapes. <i>Sustainability</i> , 2020 , 12, 8812	3.6	8
98	Assessing the Biostimulant Effects of a Novel Plant-Based Formulation on Tomato Crop. <i>Sustainability</i> , 2020 , 12, 8432	3.6	8
97	Traditionally Used Post.: Phytochemistry, Nutritional Content, Bioactive Compounds of Cultivated Populations. <i>Frontiers in Pharmacology</i> , 2020 , 11, 650	5.6	9
96	Chemical Composition and Plant Growth of subsp. Plants Cultivated under Saline Conditions. <i>Molecules</i> , 2020 , 25,	4.8	12
95	Determining the Carbon Footprint and Emission Hotspots for the Wine Produced in Cyprus. <i>Atmosphere</i> , 2020 , 11, 463	2.7	9
94	Assessing the Impact of Drought Stress and Soil Cultivation in Chardonnay and Xynisteri Grape Cultivars. <i>Agronomy</i> , 2020 , 10, 670	3.6	9
93	Profiling of Essential Oils Components and Polyphenols for Their Antioxidant Activity of Medicinal and Aromatic Plants Grown in Different Environmental Conditions. <i>Agronomy</i> , 2020 , 10, 727	3.6	24
92	Treated Wastewater and Fertigation Applied for Greenhouse Tomato Cultivation Grown in Municipal Solid Waste Compost and Soil Mixtures. <i>Sustainability</i> , 2020 , 12, 4287	3.6	9
91	A biorefinery for conversion of citrus peel waste into essential oils, pectin, fertilizer and succinic acid via different fermentation strategies. <i>Waste Management</i> , 2020 , 113, 469-477	8.6	27
90	Plant Nutrient Availability and pH of Biochars and Their Fractions, with the Possible Use as a Component in a Growing Media. <i>Agronomy</i> , 2020 , 10, 10	3.6	24

89	Biostimulants Application Alleviates Water Stress Effects on Yield and Chemical Composition of Greenhouse Green Bean (Phaseolus vulgaris L.). <i>Agronomy</i> , 2020 , 10, 181	3.6	20
88	Grown to be Blue-Antioxidant Properties and Health Effects of Colored Vegetables. Part II: Leafy, Fruit, and Other Vegetables. <i>Antioxidants</i> , 2020 , 9,	7.1	30
87	Wild and Cultivated subsp. : A Valuable Source of Bioactive Compounds. <i>Antioxidants</i> , 2020 , 9,	7.1	19
86	Aquatic Plants Native to Europe 2020 , 241-290		
85	Natural Antioxidants, Health Effects and Bioactive Properties of Wild Allium Species. <i>Current Pharmaceutical Design</i> , 2020 , 26, 1816-1837	3.3	10
84	Adaptive Response of a Native Mediterranean Grapevine Cultivar Upon Short-Term Exposure to Drought and Heat Stress in the Context of Climate Change. <i>Agronomy</i> , 2020 , 10, 249	3.6	20
83	Biochar Type, Ratio, and Nutrient Levels in Growing Media Affects Seedling Production and Plant Performance. <i>Agronomy</i> , 2020 , 10, 1421	3.6	14
82	Minimizing water and nutrient losses from soilless cropping in southern Europe. <i>Agricultural Water Management</i> , 2020 , 241, 106395	5.9	31
81	Printed Paper Waste as an Alternative Growing Medium Component to Produce Brassica Seedlings under Nursery Conditions. <i>Sustainability</i> , 2020 , 12, 5992	3.6	4
80	Foliar Application of Nano-zinc and Iron Affects Physiological Attributes of Rosmarinus officinalis and Quietens NaCl Salinity Depression. <i>Journal of Soil Science and Plant Nutrition</i> , 2020 , 20, 335-345	3.2	15
79	Interactive effects of salinity and silicon application on Solanum lycopersicum growth, physiology and shelf-life of fruit produced hydroponically. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 732-743	4.3	18
78	Cultivation strategy to improve chemical profile and anti-oxidant activity of Sideritis perfoliata L. subsp. perfoliata. <i>Industrial Crops and Products</i> , 2019 , 140, 111694	5.9	16
77	Cotton and cardoon byproducts as potential growing media components for Cichorium spinosum L. commercial cultivation. <i>Journal of Cleaner Production</i> , 2019 , 240, 118254	10.3	9
76	Physiochemical properties of petunia edible flowers grown under saline conditions and their postharvest performance under modified atmosphere packaging and ethanol application. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 3644-3652	4.3	5
75	The combined and single effect of salinity and copper stress on growth and quality of Mentha spicata plants. <i>Journal of Hazardous Materials</i> , 2019 , 368, 584-593	12.8	62
74	Deployment of olive-stone waste as a substitute growing medium component for Brassica seedling production in nurseries. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 35461-35472	5.1	14
73	Variation of microbial load and biochemical activity of ready-to-eat salads in Cyprus as affected by vegetable type, season, and producer. <i>Food Microbiology</i> , 2019 , 83, 200-210	6	12
72	Salinity and cation foliar application: Implications on essential oil yield and composition of hydroponically grown spearmint plants. <i>Scientia Horticulturae</i> , 2019 , 256, 108581	4.1	9

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71	Bioactive properties of greenhouse-cultivated green beans (Phaseolus vulgaris L.) under biostimulants and water-stress effect. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 6049-60	059.3	10	
70	Quality and safety attributes on shredded carrots by using Origanum majorana and ascorbic acid. <i>Postharvest Biology and Technology</i> , 2019 , 155, 120-129	6.2	29	
69	Bioactivities, chemical composition and nutritional value of Cynara cardunculus L. seeds. <i>Food Chemistry</i> , 2019 , 289, 404-412	8.5	29	
68	Water-energy-food nexus: A case study on medicinal and aromatic plants. <i>Journal of Cleaner Production</i> , 2019 , 233, 1334-1343	10.3	11	
67	(Subsp.) Nutritive Value and Its Potential Medicinal Properties. <i>Antioxidants</i> , 2019 , 8,	7.1	14	
66	Biochar Type and Ratio as a Peat Additive/Partial Peat Replacement in Growing Media for Cabbage Seedling Production. <i>Agronomy</i> , 2019 , 9, 693	3.6	14	
65	Sage Essential Oil Improves the Effectiveness of Aloe vera Gel on Postharvest Quality of Tomato Fruit. <i>Agronomy</i> , 2019 , 9, 635	3.6	19	
64	Physiological and Proteomic Approaches to Address the Active Role of Inoculation in Tomato Postharvest Ripening. <i>Microorganisms</i> , 2019 , 7,	4.9	6	
63	Grown to be Blue-Antioxidant Properties and Health Effects of Colored Vegetables. Part I: Root Vegetables. <i>Antioxidants</i> , 2019 , 8,	7.1	14	
62	The Effects of Biostimulants, Biofertilizers and Water-Stress on Nutritional Value and Chemical Composition of Two Spinach Genotypes (L.). <i>Molecules</i> , 2019 , 24,	4.8	19	
61	Bioactive compounds content and antimicrobial activities of wild edible Asteraceae species of the Mediterranean flora under commercial cultivation conditions. <i>Food Research International</i> , 2019 , 119, 859-868	7	45	
60	Physiological and biochemical attributes of Mentha spicata when subjected to saline conditions and cation foliar application. <i>Journal of Plant Physiology</i> , 2019 , 232, 27-38	3.6	13	
59	Utilization of paper waste as growing media for potted ornamental plants. <i>Clean Technologies and Environmental Policy</i> , 2019 , 21, 1937-1948	4.3	13	
58	Effect of phosphorus application rate on Mentha spicata L. grown in deep flow technique (DFT). <i>Food Chemistry</i> , 2019 , 276, 84-92	8.5	6	
57	Alternative soilless media using olive-mill and paper waste for growing ornamental plants. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 35915-35927	5.1	15	
56	Chemical characterization of biochar and assessment of the nutrient dynamics by means of preliminary plant growth tests. <i>Journal of Environmental Management</i> , 2018 , 216, 89-95	7.9	35	
55	Climate change due to heat and drought stress can alter the physiology of Maratheftiko local Cyprian grapevine variety. <i>Journal of Water and Climate Change</i> , 2018 , 9, 715-727	2.3	7	
54	Nutritional Value and Bioactive Compounds Characterization of Plant Parts From L. (Asteraceae) Cultivated in Central Greece. <i>Frontiers in Plant Science</i> , 2018 , 9, 459	6.2	41	

53	Physiological and Biochemical Responses of to Salinity Under Mineral Foliar Application. <i>Frontiers in Plant Science</i> , 2018 , 9, 489	6.2	49
52	Evaluation of Municipal Solid Waste Compost and/or Fertigation as Peat Substituent for Pepper Seedlings Production. <i>Waste and Biomass Valorization</i> , 2018 , 9, 2285-2294	3.2	11
51	Mint and pomegranate extracts/oils as antibacterial agents against Escherichia coli O157:H7 and Listeria monocytogenes on shredded carrots. <i>Journal of Food Safety</i> , 2018 , 38, e12423	2	14
50	Drought stress and soil management practices in grapevines in Cyprus under the threat of climate change. <i>Journal of Water and Climate Change</i> , 2018 , 9, 703-714	2.3	8
49	Effects of Salinity on Tagetes Growth, Physiology, and Shelf Life of Edible Flowers Stored in Passive Modified Atmosphere Packaging or Treated With Ethanol. <i>Frontiers in Plant Science</i> , 2018 , 9, 1765	6.2	14
48	Effects of Ascophyllum nodosum seaweed extracts on lettuce growth, physiology and fresh-cut salad storage under potassium deficiency. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 5861	- \$ 872	25
47	Postharvest ozone application for the preservation of fruits and vegetables. <i>Food Reviews International</i> , 2017 , 33, 270-315	5.5	62
46	Bio-sanitation treatment using essential oils against E. coli O157:H7 on fresh lettuce. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2017 , 45, 165-174	0.9	5
45	Vegetative, physiological, nutritional and antioxidant behavior of spearmint (Mentha spicata L.) in response to different nitrogen supply in hydroponics. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2017 , 6, 52-61	2.6	17
44	Antioxidant and antibacterial activities, mineral and essential oil composition of spearmint (Mentha spicata L.) affected by the potassium levels. <i>Industrial Crops and Products</i> , 2017 , 103, 202-212	5.9	74
43	Determining the carbon footprint of indigenous and introduced grape varieties through Life Cycle Assessment using the island of Cyprus as a case study. <i>Journal of Cleaner Production</i> , 2017 , 156, 418-425	510.3	40
42	Optimization of potassium fertilization/nutrition for growth, physiological development, essential oil composition and antioxidant activity of Lavandula angustifolia Mill. <i>Journal of Soil Science and Plant Nutrition</i> , 2017 , 0-0	3.2	16
41	Potential application of spearmint and lavender essential oils for assuring endive quality and safety. <i>Crop Protection</i> , 2017 , 102, 94-103	2.7	16
40	First Report of Root Rot of Hydroponically Grown Lettuce (Lactuca sativa) Caused by a Pythium Species From the Cluster B2a Species Complex in Cyprus. <i>Plant Disease</i> , 2017 , 101, 636-636	1.5	1
39	First Report of Root Rot of Hydroponically Grown Peppermint (Mentha [þiperita) Caused by a Pythium myriotylum in Cyprus. <i>Plant Disease</i> , 2017 , 101, 1682-1682	1.5	0
38	Effectiveness of Aloe vera gel coating for maintaining tomato fruit quality. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2016 , 44, 203-217	0.9	39
37	Effects of water stress on lavender and sage biomass production, essential oil composition and biocidal properties against Tetranychus urticae (Koch). <i>Scientia Horticulturae</i> , 2016 , 213, 96-103	4.1	38
36	Ozone: A Powerful Tool for the Fresh Produce Preservation 2016 , 175-207		3

35	Nitrogen and phosphorus levels affected plant growth, essential oil composition and antioxidant status of lavender plant (Lavandula angustifolia Mill.). <i>Industrial Crops and Products</i> , 2016 , 83, 577-586	5.9	109
34	Vapour or dipping applications of methyl jasmonate, vinegar and sage oil for pepper fruit sanitation towards grey mould. <i>Postharvest Biology and Technology</i> , 2016 , 118, 120-127	6.2	22
33	GASEOUS OZONE-ENRICHMENT FOR THE PRESERVATION OF FRESH PRODUCE. <i>Acta Horticulturae</i> , 2015 , 273-278	0.3	2
32	Growth, photosynthesis and pollen performance in saline water treated olive plants under high temperature. <i>International Journal of Plant Biology</i> , 2015 , 6,	1.3	19
31	Municipal solid wastes and mineral fertilizer as an eggplant transplant medium. <i>Journal of Soil Science and Plant Nutrition</i> , 2015 , 0-0	3.2	4
30	Deployment of Sawdust as Substrate Medium in Hydroponically Grown Lettuce. <i>Journal of Plant Nutrition</i> , 2014 , 37, 1304-1315	2.3	8
29	The use of treated wastewater and fertigation in greenhouse pepper crop as affecting growth and fruit quality. <i>Journal of Water Reuse and Desalination</i> , 2014 , 4, 92-99	2.6	12
28	Effects of substrate and salinity in hydroponically grown Cichorium spinosum. <i>Journal of Soil Science and Plant Nutrition</i> , 2014 , 0-0	3.2	14
27	Origanum dictamnus oil vapour suppresses the development of grey mould in eggplant fruit in vitro. <i>BioMed Research International</i> , 2014 , 2014, 562679	3	19
26	Substitution of peat with municipal solid waste compost in watermelon seedling production combined with fertigation. <i>Chilean Journal of Agricultural Research</i> , 2014 , 74, 452-459	1.9	11
25	Occurrence of Micro-pollutants in a Soil R adish System Irrigated with Several Types of Treated Domestic Wastewater. <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	8
24	Profiling shifts in protein complement in tomato fruit induced by atmospheric ozone-enrichment and/or wound-inoculation with Botrytis cinerea. <i>Postharvest Biology and Technology</i> , 2013 , 78, 67-75	6.2	21
23	Use of sawdust, coco soil and pumice in hydroponically grown strawberry. <i>Plant, Soil and Environment</i> , 2013 , 59, 452-459	2.2	27
22	The use of primary and secondary treated municipal wastewater for cucumber irrigation in hydroponic system. <i>Water Practice and Technology</i> , 2013 , 8, 433-439	0.9	6
21	Use of fertigation and municipal solid waste compost for greenhouse pepper cultivation. <i>Scientific World Journal, The</i> , 2012 , 2012, 973193	2.2	8
20	Deployment of municipal solid wastes as a substitute growing medium component in marigold and basil seedlings production. <i>Scientific World Journal, The,</i> 2012 , 2012, 285874	2.2	5
19	INFLUENCE OF SODIUM CHLORIDE AND CALCIUM FOLIAR SPRAY ON HYDROPONICALLY GROWN PARSLEY IN NUTRIENT FILM TECHNIQUE SYSTEM. <i>Journal of Plant Nutrition</i> , 2012 , 35, 1457-1467	2.3	23
18	Olive Mill Waste as a Substitute Growing Medium Component in Tomato Seedling and Crop Production. <i>International Journal of Vegetable Science</i> , 2012 , 18, 272-283	1.2	9

17	Low-level atmospheric ozone exposure induces protection against Botrytis cinerea with down-regulation of ethylene-, jasmonate- and pathogenesis-related genes in tomato fruit. <i>Postharvest Biology and Technology</i> , 2011 , 61, 152-159	6.2	29	
16	Effect of Origanum Oil and Vinegar on the Maintenance of Postharvest Quality of Tomato. <i>Food and Nutrition Sciences (Print)</i> , 2011 , 02, 974-982	0.4	27	
15	Potassium and calcium enrichment alleviate salinity-induced stress in hydroponically grown endives. <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2010 , 37, 155-162	1.1	20	
14	Ethanol, vinegar and Origanum vulgare oil vapour suppress the development of anthracnose rot in tomato fruit. <i>International Journal of Food Microbiology</i> , 2010 , 142, 14-8	5.8	31	
13	Olive Mill Wastes A Growing Medium Component for Seedling and Crop Production of Lettuce and Chicory. <i>International Journal of Vegetable Science</i> , 2009 , 15, 325-339	1.2	23	
12	Impact of cinnamon oil-enrichment on microbial spoilage of fresh produce. <i>Innovative Food Science and Emerging Technologies</i> , 2009 , 10, 97-102	6.8	91	
11	Alleviation of Salinity-Induced Stress in Lettuce Growth by Potassium Sulphate Using Nutrient Film Technique. <i>International Journal of Vegetable Science</i> , 2009 , 15, 226-239	1.2	5	
10	Impact of low-level atmospheric ozone-enrichment on black spot and anthracnose rot of tomato fruit. <i>Postharvest Biology and Technology</i> , 2008 , 47, 1-9	6.2	40	
9	Influence of NaCl and Calcium Nitrate on Lettuce and Endive Growth Using Nutrient Film Technique. <i>International Journal of Vegetable Science</i> , 2008 , 15, 44-56	1.2	14	
8	Shredded Maize Stems as an Alternative Substrate Medium. <i>International Journal of Vegetable Science</i> , 2008 , 13, 103-122	1.2	2	
7	MAINTAINING POSTHARVEST QUALITY OF THE TOMATO FRUIT BY EMPLOYING METHYL JASMONATE AND ETHANOL VAPOR TREATMENT. <i>Journal of Food Quality</i> , 2007 , 30, 567-580	2.7	31	
6	Methyl jasmonate-induced suppression of anthracnose rot in tomato fruit. <i>Crop Protection</i> , 2007 , 26, 1507-1513	2.7	41	
5	Deployment of low-level ozone-enrichment for the preservation of chilled fresh produce. <i>Postharvest Biology and Technology</i> , 2007 , 43, 261-270	6.2	79	
4	Impact of atmospheric ozone-enrichment on quality-related attributes of tomato fruit. <i>Postharvest Biology and Technology</i> , 2007 , 45, 317-325	6.2	116	
3	Maintaining postharvest quality of fresh produce with volatile compounds. <i>Innovative Food Science and Emerging Technologies</i> , 2007 , 8, 111-116	6.8	107	
2	Antifungal activity of lemongrass (Cympopogon citratus L.) essential oil against key postharvest pathogens. <i>Innovative Food Science and Emerging Technologies</i> , 2007 , 8, 253-258	6.8	194	
1	Shredded Maize Stems as an Alternative Substrate Medium. <i>International Journal of Vegetable Science</i> , 2005 , 11, 57-70		12	