

Marios C Kyriacou

List of Publications by Citations

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Version: 2024-04-24

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168
papers

8,166
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h-index

86
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182
ext. papers

10,886
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
168	Arbuscular mycorrhizal fungi act as biostimulants in horticultural crops. <i>Scientia Horticulturae</i> , 2015 , 196, 91-108	4.1	331
167	Grafting as a tool to improve tolerance of vegetables to abiotic stresses: Thermal stress, water stress and organic pollutants. <i>Scientia Horticulturae</i> , 2010 , 127, 162-171	4.1	306
166	Protein hydrolysates as biostimulants in horticulture. <i>Scientia Horticulturae</i> , 2015 , 196, 28-38	4.1	256
165	Impact of grafting on product quality of fruit vegetables. <i>Scientia Horticulturae</i> , 2010 , 127, 172-179	4.1	217
164	Biostimulant Action of Protein Hydrolysates: Unraveling Their Effects on Plant Physiology and Microbiome. <i>Frontiers in Plant Science</i> , 2017 , 8, 2202	6.2	202
163	The effect of a plant-derived biostimulant on metabolic profiling and crop performance of lettuce grown under saline conditions. <i>Scientia Horticulturae</i> , 2015 , 182, 124-133	4.1	187
162	Biostimulant action of a plant-derived protein hydrolysate produced through enzymatic hydrolysis. <i>Frontiers in Plant Science</i> , 2014 , 5, 448	6.2	186
161	Role of grafting in vegetable crops grown under saline conditions. <i>Scientia Horticulturae</i> , 2010 , 127, 147-155	4.1	185
160	Amelioration of heavy metal and nutrient stress in fruit vegetables by grafting. <i>Scientia Horticulturae</i> , 2010 , 127, 156-161	4.1	172
159	Synergistic Biostimulatory Action: Designing the Next Generation of Plant Biostimulants for Sustainable Agriculture. <i>Frontiers in Plant Science</i> , 2018 , 9, 1655	6.2	171
158	Towards a new definition of quality for fresh fruits and vegetables. <i>Scientia Horticulturae</i> , 2018 , 234, 463-469	4.1	161
157	Micro-scale vegetable production and the rise of microgreens. <i>Trends in Food Science and Technology</i> , 2016 , 57, 103-115	15.3	156
156	Improving vegetable quality in controlled environments. <i>Scientia Horticulturae</i> , 2018 , 234, 275-289	4.1	147
155	Yield, Mineral Composition, Water Relations, and Water Use Efficiency of Grafted Mini-watermelon Plants Under Deficit Irrigation. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008 , 43, 730-736	2.4	136
154	Foliar applications of a legume-derived protein hydrolysate elicit dose-dependent increases of growth, leaf mineral composition, yield and fruit quality in two greenhouse tomato cultivars. <i>Scientia Horticulturae</i> , 2017 , 226, 353-360	4.1	135
153	Nitrate in fruits and vegetables. <i>Scientia Horticulturae</i> , 2018 , 237, 221-238	4.1	132
152	Synergistic Action of a Microbial-based Biostimulant and a Plant Derived-Protein Hydrolysate Enhances Lettuce Tolerance to Alkalinity and Salinity. <i>Frontiers in Plant Science</i> , 2017 , 8, 131	6.2	131

151	-Based Biostimulants Modulate Rhizosphere Microbial Populations and Improve N Uptake Efficiency, Yield, and Nutritional Quality of Leafy Vegetables. <i>Frontiers in Plant Science</i> , 2018 , 9, 743	6.2	122
150	Nutrient solution concentration and growing season affect yield and quality of <i>Lactuca sativa</i> L. var. <i>acephala</i> in floating raft culture. <i>Journal of the Science of Food and Agriculture</i> , 2009 , 89, 1682-1689	4.3	116
149	Vegetable Grafting: The Implications of a Growing Agronomic Imperative for Vegetable Fruit Quality and Nutritive Value. <i>Frontiers in Plant Science</i> , 2017 , 8, 741	6.2	106
148	Effect of <i>Ecklonia maxima</i> seaweed extract on yield, mineral composition, gas exchange, and leaf anatomy of zucchini squash grown under saline conditions. <i>Journal of Applied Phycology</i> , 2017 , 29, 459-470	3.2	104
147	Changes in antioxidant content of tomato fruits in response to cultivar and nutrient solution composition. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 4319-25	5.7	104
146	Foliar Applications of Protein Hydrolysate, Plant and Seaweed Extracts Increase Yield but Differentially Modulate Fruit Quality of Greenhouse Tomato. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017 , 52, 1214-1220	2.4	103
145	Plant- and Seaweed-Based Extracts Increase Yield but Differentially Modulate Nutritional Quality of Greenhouse Spinach through Biostimulant Action. <i>Agronomy</i> , 2018 , 8, 126	3.6	100
144	Renewable Sources of Plant Biostimulation: Microalgae as a Sustainable Means to Improve Crop Performance. <i>Frontiers in Plant Science</i> , 2018 , 9, 1782	6.2	96
143	Fruit quality of mini-watermelon as affected by grafting and irrigation regimes. <i>Journal of the Science of Food and Agriculture</i> , 2008 , 88, 1107-1114	4.3	94
142	High-Throughput Plant Phenotyping for Developing Novel Biostimulants: From Lab to Field or From Field to Lab?. <i>Frontiers in Plant Science</i> , 2018 , 9, 1197	6.2	91
141	Improving Nitrogen Use Efficiency in Melon by Grafting. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2010 , 45, 559-565	2.4	86
140	Vegetable Grafting as a Tool to Improve Drought Resistance and Water Use Efficiency. <i>Frontiers in Plant Science</i> , 2017 , 8, 1130	6.2	84
139	Effect of nitrogen form and nutrient solution pH on growth and mineral composition of self-grafted and grafted tomatoes. <i>Scientia Horticulturae</i> , 2013 , 149, 61-69	4.1	83
138	Effects of saline stress on mineral composition, phenolic acids and flavonoids in leaves of artichoke and cardoon genotypes grown in floating system. <i>Journal of the Science of Food and Agriculture</i> , 2013 , 93, 1119-27	4.3	81
137	Insight into the role of grafting and arbuscular mycorrhiza on cadmium stress tolerance in tomato. <i>Frontiers in Plant Science</i> , 2015 , 6, 477	6.2	80
136	The effectiveness of grafting to improve alkalinity tolerance in watermelon. <i>Environmental and Experimental Botany</i> , 2010 , 68, 283-291	5.9	80
135	Growth, yield, fruit quality and nutrient uptake of hydroponically cultivated zucchini squash as affected by irrigation systems and growing seasons. <i>Scientia Horticulturae</i> , 2005 , 105, 177-195	4.1	80
134	Grafting cucumber plants enhance tolerance to sodium chloride and sulfate salinization. <i>Scientia Horticulturae</i> , 2012 , 135, 177-185	4.1	79

133	Evolution of watermelon fruit physicochemical and phytochemical composition during ripening as affected by grafting. <i>Food Chemistry</i> , 2014 , 165, 282-9	8.5	75
132	The effectiveness of grafting to improve NaCl and CaCl ₂ tolerance in cucumber. <i>Scientia Horticulturae</i> , 2013 , 164, 380-391	4.1	72
131	Functional quality in novel food sources: Genotypic variation in the nutritive and phytochemical composition of thirteen microgreens species. <i>Food Chemistry</i> , 2019 , 277, 107-118	8.5	72
130	Evaluation of Rootstock Resistance to Fusarium Wilt and Gummy Stem Blight and Effect on Yield and Quality of a Grafted [Diodorus]Melon. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2007 , 42, 521-525	2.4	66
129	A Vegetal Biopolymer-Based Biostimulant Promoted Root Growth in Melon While Triggering Brassinosteroids and Stress-Related Compounds. <i>Frontiers in Plant Science</i> , 2018 , 9, 472	6.2	62
128	Protein Hydrolysate Stimulates Growth in Tomato Coupled With N-Dependent Gene Expression Involved in N Assimilation. <i>Frontiers in Plant Science</i> , 2018 , 9, 1233	6.2	61
127	Salinity as eustressor for enhancing quality of vegetables. <i>Scientia Horticulturae</i> , 2018 , 234, 361-369	4.1	58
126	Vegetable Grafting: A Toolbox for Securing Yield Stability under Multiple Stress Conditions. <i>Frontiers in Plant Science</i> , 2017 , 8, 2255	6.2	58
125	Nitrogen-use efficiency traits of mini-watermelon in response to grafting and nitrogen-fertilization doses. <i>Journal of Plant Nutrition and Soil Science</i> , 2011 , 174, 933-941	2.3	58
124	Understanding the Biostimulant Action of Vegetal-Derived Protein Hydrolysates by High-Throughput Plant Phenotyping and Metabolomics: A Case Study on Tomato. <i>Frontiers in Plant Science</i> , 2019 , 10, 47	6.2	56
123	Enhancing Quality of Fresh Vegetables Through Salinity Eustress and Biofortification Applications Facilitated by Soilless Cultivation. <i>Frontiers in Plant Science</i> , 2018 , 9, 1254	6.2	55
122	Phenolic composition, antioxidant activity and mineral profile in two seed-propagated artichoke cultivars as affected by microbial inoculants and planting time. <i>Food Chemistry</i> , 2017 , 234, 10-19	8.5	53
121	Watermelon and melon fruit quality: The genotypic and agro-environmental factors implicated. <i>Scientia Horticulturae</i> , 2018 , 234, 393-408	4.1	53
120	Mild Potassium Chloride Stress Alters the Mineral Composition, Hormone Network, and Phenolic Profile in Artichoke Leaves. <i>Frontiers in Plant Science</i> , 2016 , 7, 948	6.2	52
119	Phenolic Compounds and Sesquiterpene Lactones Profile in Leaves of Nineteen Artichoke Cultivars. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 8540-8548	5.7	51
118	Zinc Excess Triggered Polyamines Accumulation in Lettuce Root Metabolome, As Compared to Osmotic Stress under High Salinity. <i>Frontiers in Plant Science</i> , 2016 , 7, 842	6.2	50
117	Microgreens as a Component of Space Life Support Systems: A Cornucopia of Functional Food. <i>Frontiers in Plant Science</i> , 2017 , 8, 1587	6.2	49
116	Role of arbuscular mycorrhizal fungi in alleviating the adverse effects of acidity and aluminium toxicity in zucchini squash. <i>Scientia Horticulturae</i> , 2015 , 188, 97-105	4.1	48

115	The influence of irrigation system and nutrient solution concentration on potted geranium production under various conditions of radiation and temperature. <i>Scientia Horticulturae</i> , 2008 , 118, 328-337	4.1	48
114	Configuration of watermelon fruit quality in response to rootstock-mediated harvest maturity and postharvest storage. <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 2400-9	4.3	48
113	Plant-Based Biostimulants Influence the Agronomical, Physiological, and Qualitative Responses of Baby Rocket Leaves under Diverse Nitrogen Conditions. <i>Plants</i> , 2019 , 8,	4.5	48
112	Physiological and Metabolic Responses Triggered by Omeprazole Improve Tomato Plant Tolerance to NaCl Stress. <i>Frontiers in Plant Science</i> , 2018 , 9, 249	6.2	47
111	A Combined Phenotypic and Metabolomic Approach for Elucidating the Biostimulant Action of a Plant-Derived Protein Hydrolysate on Tomato Grown Under Limited Water Availability. <i>Frontiers in Plant Science</i> , 2019 , 10, 493	6.2	45
110	Enhancement of alkalinity tolerance in two cucumber genotypes inoculated with an arbuscular mycorrhizal biofertilizer containing <i>Glomus intraradices</i> . <i>Biology and Fertility of Soils</i> , 2010 , 46, 499-509	6.1	43
109	Foliar Application of Vegetal-Derived Bioactive Compounds Stimulates the Growth of Beneficial Bacteria and Enhances Microbiome Biodiversity in Lettuce. <i>Frontiers in Plant Science</i> , 2019 , 10, 60	6.2	42
108	Morphological and Physiological Responses Induced by Protein Hydrolysate-Based Biostimulant and Nitrogen Rates in Greenhouse Spinach. <i>Agronomy</i> , 2019 , 9, 450	3.6	41
107	Changes in Biomass, Mineral Composition, and Quality of Cardoon in Response to [Formula: see text]:Cl(-) Ratio and Nitrate Deprivation from the Nutrient Solution. <i>Frontiers in Plant Science</i> , 2016 , 7, 978	6.2	40
106	Effect of Vegetal- and Seaweed Extract-Based Biostimulants on Agronomical and Leaf Quality Traits of Plastic Tunnel-Grown Baby Lettuce under Four Regimes of Nitrogen Fertilization. <i>Agronomy</i> , 2019 , 9, 571	3.6	38
105	Macronutrient deprivation eustress elicits differential secondary metabolites in red and green-pigmented butterhead lettuce grown in a closed soilless system. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 6962-6972	4.3	37
104	Protein Hydrolysate or Plant Extract-based Biostimulants Enhanced Yield and Quality Performances of Greenhouse Perennial Wall Rocket Grown in Different Seasons. <i>Plants</i> , 2019 , 8,	4.5	37
103	Nutrient Solution Concentration Affects Growth, Mineral Composition, Phenolic Acids, and Flavonoids in Leaves of Artichoke and Cardoon. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012 , 47, 1424-1429	2.4	37
102	Appraisal of Combined Applications of <i>Trichoderma virens</i> and a Biopolymer-Based Biostimulant on Lettuce Agronomical, Physiological, and Qualitative Properties under Variable N Regimes. <i>Agronomy</i> , 2020 , 10, 196	3.6	35
101	The Influence of Drip Irrigation or Subirrigation on Zucchini Squash Grown in Closed-loop Substrate Culture with High and Low Nutrient Solution Concentrations. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009 , 44, 306-311	2.4	34
100	Biostimulant Application with a Tropical Plant Extract Enhances <i>Corchorus olitorius</i> Adaptation to Sub-Optimal Nutrient Regimens by Improving Physiological Parameters. <i>Agronomy</i> , 2019 , 9, 249	3.6	33
99	Selenium Biofortification Impacts the Nutritive Value, Polyphenolic Content, and Bioactive Constitution of Variable Microgreens Genotypes. <i>Antioxidants</i> , 2020 , 9,	7.1	33
98	Profile of bioactive secondary metabolites and antioxidant capacity of leaf exudates from eighteen Aloe species. <i>Industrial Crops and Products</i> , 2017 , 108, 44-51	5.9	33

97	Effect of nickel and grafting combination on yield, fruit quality, antioxidative enzyme activities, lipid peroxidation, and mineral composition of tomato. <i>Journal of Plant Nutrition and Soil Science</i> , 2015 , 178, 848-860	2.3	32
96	Metabolomic Responses of Maize Shoots and Roots Elicited by Combinatorial Seed Treatments With Microbial and Non-microbial Biostimulants. <i>Frontiers in Microbiology</i> , 2020 , 11, 664	5.7	31
95	Salinity source-induced changes in yield, mineral composition, phenolic acids and flavonoids in leaves of artichoke and cardoon grown in floating system. <i>Journal of the Science of Food and Agriculture</i> , 2014 , 94, 1231-7	4.3	31
94	Yield and Nutritional Quality of Vesuvian Piennolo Tomato PDO as Affected by Farming System and Biostimulant Application. <i>Agronomy</i> , 2019 , 9, 505	3.6	30
93	Grafting Tomato as a Tool to Improve Salt Tolerance. <i>Agronomy</i> , 2020 , 10, 263	3.6	30
92	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
91	Genotype-Specific Modulatory Effects of Select Spectral Bandwidths on the Nutritive and Phytochemical Composition of Microgreens. <i>Frontiers in Plant Science</i> , 2019 , 10, 1501	6.2	30
90	Chemical Eustress Elicits Tailored Responses and Enhances the Functional Quality of Novel Food. <i>Molecules</i> , 2019 , 24,	4.8	30
89	Nitrogen Use and Uptake Efficiency and Crop Performance of Baby Spinach (<i>Spinacia oleracea</i> L.) and Lamb Lettuce (<i>Valerianella locusta</i> L.) Grown under Variable Sub-Optimal N Regimes Combined with Plant-Based Biostimulant Application. <i>Agronomy</i> , 2020 , 10, 278	3.6	29
88	Sensory and functional quality characterization of protected designation of origin 'Piennolo del Vesuvio' cherry tomato landraces from Campania-Italy. <i>Food Chemistry</i> , 2019 , 292, 166-175	8.5	28
87	Phenolic Constitution, Phytochemical and Macronutrient Content in Three Species of Microgreens as Modulated by Natural Fiber and Synthetic Substrates. <i>Antioxidants</i> , 2020 , 9,	7.1	28
86	The occurrence of nitrate and nitrite in Mediterranean fresh salad vegetables and its modulation by preharvest practices and postharvest conditions. <i>Food Chemistry</i> , 2019 , 285, 468-477	8.5	26
85	Rootstock-modulated yield performance, fruit maturation and phytochemical quality of Lane Late and Delta Sweet orange. <i>Scientia Horticulturae</i> , 2017 , 225, 112-121	4.1	26
84	The bioactive profile of lettuce produced in a closed soilless system as configured by combinatorial effects of genotype and macrocation supply composition. <i>Food Chemistry</i> , 2020 , 309, 125713	8.5	26
83	Quality and Postharvest Performance of Watermelon Fruit in Response to Grafting on Interspecific Cucurbit Rootstocks. <i>Journal of Food Quality</i> , 2015 , 38, 21-29	2.7	24
82	Combating Micronutrient Deficiency and Enhancing Food Functional Quality Through Selenium Fortification of Select Lettuce Genotypes Grown in a Closed Soilless System. <i>Frontiers in Plant Science</i> , 2019 , 10, 1495	6.2	24
81	Uptake and bioaccumulation of three widely prescribed pharmaceutically active compounds in tomato fruits and mediated effects on fruit quality attributes. <i>Science of the Total Environment</i> , 2019 , 647, 1169-1178	10.2	23
80	Iron Biofortification of Red and Green Pigmented Lettuce in Closed Soilless Cultivation Impacts Crop Performance and Modulates Mineral and Bioactive Composition. <i>Agronomy</i> , 2019 , 9, 290	3.6	22

79	Evolution of Nutritional Value of Two Tomato Genotypes Grown in Soilless Culture as Affected by Macrocation Proportions. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006 , 41, 1584-1588	2.4	21
78	Can Adverse Effects of Acidity and Aluminum Toxicity Be Alleviated by Appropriate Rootstock Selection in Cucumber?. <i>Frontiers in Plant Science</i> , 2016 , 7, 1283	6.2	21
77	Variation in Macronutrient Content, Phytochemical Constitution and Antioxidant Capacity of Green and Red Butterhead Lettuce Dictated by Different Developmental Stages of Harvest Maturity. <i>Antioxidants</i> , 2020 , 9,	7.1	21
76	Appraisal of emerging crop management opportunities in fruit trees, grapevines and berry crops facilitated by the application of biostimulants. <i>Scientia Horticulturae</i> , 2020 , 267, 109330	4.1	20
75	Successive Harvests Affect Yield, Quality and Metabolic Profile of Sweet Basil (<i>Ocimum basilicum</i> L.). <i>Agronomy</i> , 2020 , 10, 830	3.6	20
74	Mitigation of alkaline stress by arbuscular mycorrhiza in zucchini plants grown under mineral and organic fertilization. <i>Journal of Plant Nutrition and Soil Science</i> , 2010 , 173, 778-787	2.3	19
73	Sensory Attributes and Consumer Acceptability of 12 Microgreens Species. <i>Agronomy</i> , 2020 , 10, 1043	3.6	19
72	Rootstock-Mediated Effects on Watermelon Field Performance and Fruit Quality Characteristics. <i>International Journal of Vegetable Science</i> , 2015 , 21, 344-362	1.2	18
71	Foliar Application of Different Vegetal-Derived Protein Hydrolysates Distinctively Modulates Tomato Root Development and Metabolism. <i>Plants</i> , 2021 , 10,	4.5	18
70	Biochemical and histological contributions to textural changes in watermelon fruit modulated by grafting. <i>Food Chemistry</i> , 2017 , 237, 133-140	8.5	17
69	Physiological and Nutraceutical Quality of Green and Red Pigmented Lettuce in Response to NaCl Concentration in Two Successive Harvests. <i>Agronomy</i> , 2020 , 10, 1358	3.6	16
68	Reducing Energy Requirements in Future Bioregenerative Life Support Systems (BLSSs): Performance and Bioactive Composition of Diverse Lettuce Genotypes Grown Under Optimal and Suboptimal Light Conditions. <i>Frontiers in Plant Science</i> , 2019 , 10, 1305	6.2	16
67	Genotype and Successive Harvests Interaction Affects Phenolic Acids and Aroma Profile of Genovese Basil for Pesto Sauce Production. <i>Foods</i> , 2021 , 10,	4.9	16
66	Appraisal of Biodegradable Mulching Films and Vegetal-Derived Biostimulant Application as Eco-Sustainable Practices for Enhancing Lettuce Crop Performance and Nutritive Value. <i>Agronomy</i> , 2020 , 10, 427	3.6	15
65	Combining Molecular Weight Fractionation and Metabolomics to Elucidate the Bioactivity of Vegetal Protein Hydrolysates in Tomato Plants. <i>Frontiers in Plant Science</i> , 2020 , 11, 976	6.2	15
64	Morpho-physiological and homeostatic adaptive responses triggered by omeprazole enhance lettuce tolerance to salt stress. <i>Scientia Horticulturae</i> , 2019 , 249, 22-30	4.1	14
63	Effects of vegetal- versus animal-derived protein hydrolysate on sweet basil morpho-physiological and metabolic traits. <i>Scientia Horticulturae</i> , 2021 , 284, 110123	4.1	14
62	Asynchronous ripening behavior of cactus pear (<i>Opuntia ficus-indica</i>) cultivars with respect to physicochemical and physiological attributes. <i>Food Chemistry</i> , 2016 , 211, 598-607	8.5	14

61	Grown to be Blue-Antioxidant Properties and Health Effects of Colored Vegetables. Part I: Root Vegetables. <i>Antioxidants</i> , 2019 , 8,	7.1	14
60	Metabolic Insights into the Anion-Anion Antagonism in Sweet Basil: Effects of Different Nitrate/Chloride Ratios in the Nutrient Solution. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	14
59	Stand-Alone and Combinatorial Effects of Plant-based Biostimulants on the Production and Leaf Quality of Perennial Wall Rocket. <i>Plants</i> , 2020 , 9,	4.5	13
58	Indexing melon physiological decline to fruit quality and vine morphometric parameters. <i>Scientia Horticulturae</i> , 2016 , 203, 207-215	4.1	12
57	Integrated waste management through producers and consumers education: composting of vegetable crop residues for reuse in cultivation. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2004 , 39, 169-83	2.2	12
56	Nutrient Supplementation Configures the Bioactive Profile and Production Characteristics of Three Brassica L. Microgreens Species Grown in Peat-Based Media. <i>Agronomy</i> , 2021 , 11, 346	3.6	12
55	Biostimulatory Action of Arbuscular Mycorrhizal Fungi Enhances Productivity, Functional and Sensory Quality in Piennolo del Vesuvio Cherry Tomato Landraces. <i>Agronomy</i> , 2020 , 10, 911	3.6	11
54	Omeprazole Promotes Chloride Exclusion and Induces Salt Tolerance in Greenhouse Basil. <i>Agronomy</i> , 2019 , 9, 355	3.6	11
53	GENOTYPIC VARIATION IN NUTRITIONAL AND ANTIOXIDANT PROFILE AMONG ICEBERG LETTUCE CULTIVARS. <i>Acta Scientiarum Polonorum, Hortorum Cultus</i> , 2017 , 16, 37-45	1.6	11
52	Nutritional stress suppresses nitrate content and positively impacts ascorbic acid concentration and phenolic acids profile of lettuce microgreens. <i>Italus Hortus</i> , 2020 , 27, 41-52	4	11
51	Foliar and Root Applications of Vegetal-Derived Protein Hydrolysates Differentially Enhance the Yield and Qualitative Attributes of Two Lettuce Cultivars Grown in Floating System. <i>Agronomy</i> , 2021 , 11, 1194	3.6	11
50	Effects of rind removal on physicochemical quality characteristics of fresh-cut watermelon [Citrullus lanatus (Thunb) Matsum & Nakai] during cold storage. <i>International Journal of Food Science and Technology</i> , 2013 , 48, 357-362	3.8	10
49	Sweet Basil Functional Quality as Shaped by Genotype and Macronutrient Concentration Reciprocal Action. <i>Plants</i> , 2020 , 9,	4.5	9
48	Biostimulants as a Tool for Improving Environmental Sustainability of Greenhouse Vegetable Crops. <i>Sustainability</i> , 2020 , 12, 5101	3.6	9
47	Evolution of physicochemical constitution and cultivar-differential maturity configuration in olive (Olea europaea L.) fruit. <i>Scientia Horticulturae</i> , 2020 , 272, 109516	4.1	9
46	Mapping the Primary and Secondary Metabolomes of Carob (L.) Fruit and Its Postharvest Antioxidant Potential at Critical Stages of Ripening. <i>Antioxidants</i> , 2021 , 10,	7.1	9
45	Foliar Application of an Amino Acid-Enriched Urea Fertilizer on 'Greco' Grapevines at Full Veraison Increases Berry Yeast-Assimilable Nitrogen Content. <i>Plants</i> , 2020 , 9,	4.5	7
44	Does CaCl ₂ Play a Role in Improving Biomass Yield and Quality of Cardoon Grown in a Floating System under Saline Conditions?. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014 , 49, 1523-1528	2.4	7

43	Pod Morphology, Primary and Secondary Metabolite Profiles in Non-grafted and Grafted Carob Germplasm Are Configured by Agro-Environmental Zone, Genotype, and Growing Season. <i>Frontiers in Plant Science</i> , 2020 , 11, 612376	6.2	7
42	Physicochemical characterization and trait stability in a genetically diverse ex situ collection of pomegranate (<i>Punica granatum</i> L.) germplasm from Cyprus. <i>Scientia Horticulturae</i> , 2020 , 263, 109116	4.1	6
41	Mineral and Antioxidant Attributes of <i>Petroselinum crispum</i> at Different Stages of Ontogeny: Microgreens vs. Baby Greens. <i>Agronomy</i> , 2021 , 11, 857	3.6	6
40	Biostimulation as a Means for Optimizing Fruit Phytochemical Content and Functional Quality of Tomato Landraces of the San Marzano Area. <i>Foods</i> , 2021 , 10,	4.9	6
39	Genotypic, storage and processing effects on compositional and bioactive components of fresh sprouts. <i>LWT - Food Science and Technology</i> , 2017 , 85, 394-399	5.4	5
38	Impact of hot water treatment on sprouting, membrane permeability, sugar content and chip colour of reconditioned potato tubers following long-term cold storage. <i>Journal of the Science of Food and Agriculture</i> , 2008 , 88, 2682-2687	4.3	5
37	Heat- and Ultrasound-Assisted Aqueous Extraction of Soluble Carbohydrates and Phenolics from Carob Kibbles of Variable Size and Source Material. <i>Foods</i> , 2020 , 9,	4.9	5
36	Preharvest Nutrient Deprivation Reconfigures Nitrate, Mineral, and Phytochemical Content of Microgreens. <i>Foods</i> , 2021 , 10,	4.9	5
35	Dataset on the organic acids, sulphate, total nitrogen and total chlorophyll contents of two lettuce cultivars grown hydroponically using nutrient solutions of variable macrocation ratios. <i>Data in Brief</i> , 2020 , 29, 105135	1.2	4
34	Morphological and Physio-Biochemical Responses of Watermelon Grafted onto Rootstocks of Wild Watermelon [<i>Citrullus colocynthis</i> (L.) Schrad] and Commercial Interspecific Cucurbita Hybrid to Drought Stress. <i>Horticulturae</i> , 2021 , 7, 359	2.5	4
33	Phytochemical Profile, Mineral Content, and Bioactive Compounds in Leaves of Seed-Propagated Artichoke Hybrid Cultivars. <i>Molecules</i> , 2020 , 25,	4.8	4
32	Successive Harvests Modulate the Productive and Physiological Behavior of Three Genovese Pesto Basil Cultivars. <i>Agronomy</i> , 2021 , 11, 560	3.6	4
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10	Oxidative stability, fatty-acid and phenolic composition of monovarietal virgin olive oils with progressive fruit maturity. <i>Journal of Food Composition and Analysis</i> , 2021 , 104191	4.1	1
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