

Georgia Ntatsi

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,104
citations

186265
28
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276875
41
g-index

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all docs

76
docs citations

76
times ranked

2168
citing authors

#	ARTICLE	IF	CITATIONS
1	Biostimulant activity of silicon in horticulture. <i>Scientia Horticulturae</i> , 2015, 196, 66-81.	3.6	190
2	Salinity effect on nutritional value, chemical composition and bioactive compounds content of <i>Cichorium spinosum</i> L.. <i>Food Chemistry</i> , 2017, 214, 129-136.	8.2	110
3	Faba Bean Cultivation – Revealing Novel Managing Practices for More Sustainable and Competitive European Cropping Systems. <i>Frontiers in Plant Science</i> , 2018, 9, 1115.	3.6	104
4	Effects of three commercial rootstocks on mineral nutrition, fruit yield, and quality of salinized tomato. <i>Journal of Plant Nutrition and Soil Science</i> , 2011, 174, 154-162.	1.9	72
5	Chemical Composition and Yield of Six Genotypes of Common Purslane (<i>Portulaca oleracea</i> L.): An Alternative Source of Omega-3 Fatty Acids. <i>Plant Foods for Human Nutrition</i> , 2015, 70, 420-426.	3.2	64
6	Interactive Effects of Grafting and Manganese Supply on Growth, Yield, and Nutrient Uptake by Tomato. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 1978-1982.	1.0	60
7	Morphological, nutritional and chemical description of ‘Vatikiotiko’, an onion local landrace from Greece. <i>Food Chemistry</i> , 2015, 182, 156-163.	8.2	54
8	Vegetable Organosulfur Compounds and their Health Promoting Effects. <i>Current Pharmaceutical Design</i> , 2017, 23, 2850-2875.	1.9	53
9	Phylogenetic multilocus sequence analysis of indigenous slow-growing rhizobia nodulating cowpea (<i>Vigna unguiculata</i> L. Walp.) Tj ETQq1 1 0.784314 rgBT /Ove	2.8	52
10	Long-term storage of onion and the factors that affect its quality: A critical review. <i>Food Reviews International</i> , 2017, 33, 62-83.	8.4	51
11	Nutritional value and chemical composition of Greek artichoke genotypes. <i>Food Chemistry</i> , 2018, 267, 296-302.	8.2	50
12	Effect of Selenium Enrichment and Type of Application on Yield, Functional Quality and Mineral Composition of Curly Endive Grown in a Hydroponic System. <i>Agronomy</i> , 2019, 9, 207.	3.0	46
13	Nutritional Value, Chemical Characterization and Bulb Morphology of Greek Garlic Landraces. <i>Molecules</i> , 2018, 23, 319.	3.8	45
14	Impact of grafting and rootstock genotype on cation uptake by cucumber (<i>Cucumis sativus</i> L.) exposed to Cd or Ni stress. <i>Scientia Horticulturae</i> , 2013, 149, 86-96.	3.6	42
15	Assessment of the effects of metribuzin, glyphosate, and their mixtures on the metabolism of the model plant <i>Lemna minor</i> L. applying metabolomics. <i>Chemosphere</i> , 2020, 239, 124582.	8.2	41
16	Growth, Yield, and Metabolic Responses of Temperature-stressed Tomato to Grafting onto Rootstocks Differing in Cold Tolerance. <i>Journal of the American Society for Horticultural Science</i> , 2014, 139, 230-243.	1.0	41
17	Nutritional profile and chemical composition of <i>Cichorium spinosum</i> ecotypes. <i>LWT - Food Science and Technology</i> , 2016, 73, 95-101.	5.2	37
18	Successive harvesting affects yield, chemical composition and antioxidant activity of <i>Cichorium spinosum</i> L.. <i>Food Chemistry</i> , 2017, 237, 83-90.	8.2	37

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19	Celery (<i>Apium graveolens</i> L.) Performances as Subjected to Different Sources of Protein Hydrolysates. <i>Plants</i> , 2020, 9, 1633.	3.5	37
20	Salinity source alters mineral composition and metabolism of <i>Cichorium spinosum</i> . <i>Environmental and Experimental Botany</i> , 2017, 141, 113-123.	4.2	35
21	Selenium biofortification and grafting modulate plant performance and functional features of cherry tomato grown in a soilless system. <i>Scientia Horticulturae</i> , 2021, 285, 110095.	3.6	35
22	The quality of leguminous vegetables as influenced by preharvest factors. <i>Scientia Horticulturae</i> , 2018, 232, 191-205.	3.6	34
23	Rootstock Sub-Optimal Temperature Tolerance Determines Transcriptomic Responses after Long-Term Root Cooling in Rootstocks and Scions of Grafted Tomato Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 911.	3.6	32
24	Chemical composition and antioxidant activity of <i>Cichorium spinosum</i> L. leaves in relation to developmental stage. <i>Food Chemistry</i> , 2018, 239, 946-952.	8.2	32
25	Agronomic Practices to Increase the Yield and Quality of Common Bean (<i>Phaseolus vulgaris</i> L.): A Systematic Review. <i>Agronomy</i> , 2022, 12, 271.	3.0	32
26	Field Pea in European Cropping Systems: Adaptability, Biological Nitrogen Fixation and Cultivation Practices. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2016, 44, 325-336.	1.1	31
27	Impact of <i>Ecklonia maxima</i> Seaweed Extract and Mo Foliar Treatments on Biofortification, Spinach Yield, Quality and NUE. <i>Plants</i> , 2021, 10, 1139.	3.5	31
28	Contribution of phytohormones in alleviating the impact of sub-optimal temperature stress on grafted tomato. <i>Scientia Horticulturae</i> , 2013, 149, 28-38.	3.6	30
29	Diversity in cowpea (<i>Vigna unguiculata</i> (L.) Walp.) local populations from Greece. <i>Genetic Resources and Crop Evolution</i> , 2017, 64, 1529-1551.	1.6	30
30	Impact of grafting and rootstock on nutrient-to-water uptake ratios during the first month after planting of hydroponically grown tomato. <i>Journal of Horticultural Science and Biotechnology</i> , 2017, 92, 294-302.	1.9	29
31	Cowpea fresh pods “a new legume for the market: assessment of their quality and dietary characteristics of 37 cowpea accessions grown in southern Europe. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4343-4352.	3.5	28
32	A study on ABA involvement in the response of tomato to suboptimal root temperature using reciprocal grafts with <i>notabilis</i> , a null mutant in the ABA-biosynthesis gene <i>LeNCED1</i> . <i>Environmental and Experimental Botany</i> , 2014, 97, 11-21.	4.2	27
33	Impact of Plant Growth-Promoting Rhizobacteria Inoculation and Grafting on Tolerance of Tomato to Combined Water and Nutrient Stress Assessed via Metabolomics Analysis. <i>Frontiers in Plant Science</i> , 2021, 12, 670236.	3.6	26
34	Impact of nitrogen source and supply level on growth, yield and nutritional value of two contrasting ecotypes of <i>Cichorium spinosum</i> L. grown hydroponically. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 1615-1624.	3.5	24
35	Trait identification of faba bean ideotypes for Northern European environments. <i>European Journal of Agronomy</i> , 2018, 96, 1-12.	4.1	23
36	Effects of Temperature and Grafting on Yield, Nutrient Uptake, and Water Use Efficiency of a Hydroponic Sweet Pepper Crop. <i>Agronomy</i> , 2019, 9, 110.	3.0	23

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37	Application of PCPB Combined with Variable N Doses Affects Growth, Yield-Related Traits, N-Fertilizer Efficiency and Nutritional Status of Lettuce Grown under Controlled Condition. <i>Agronomy</i> , 2022, 12, 236.	3.0	23
38	Long-term storage effect on chemical composition, nutritional value and quality of Greek onion landrace "Vatikiotiko". <i>Food Chemistry</i> , 2016, 201, 168-176.	8.2	22
39	Impact of Cultivar and Grafting on Nutrient and Water Uptake by Sweet Pepper (<i>Capsicum annuum</i> L.) Grown Hydroponically Under Mediterranean Climatic Conditions. <i>Frontiers in Plant Science</i> , 2018, 9, 1244.	3.6	21
40	Impact of variety and farming practices on growth, yield, weed flora and symbiotic nitrogen fixation in faba bean cultivated for fresh seed production. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2018, 68, 619-630.	0.6	19
41	Functional Quality, Mineral Composition and Biomass Production in Hydroponic Spiny Chicory (<i>Cichorium spinosum</i> L.) Are Modulated Interactively by Ecotype, Salinity and Nitrogen Supply. <i>Frontiers in Plant Science</i> , 2019, 10, 1040.	3.6	19
42	Phenotypic diversity and evaluation of fresh pods of cowpea landraces from Southern Europe. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4326-4333.	3.5	18
43	Interference of weeds in vegetable crop cultivation, in the changing climate of Southern Europe with emphasis on drought and elevated temperatures: a review. <i>Journal of Agricultural Science</i> , 2018, 156, 1175-1185.	1.3	18
44	Evaluation of the field performance, nitrogen fixation efficiency and competitive ability of pea landraces grown under organic and conventional farming systems. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 294-307.	2.6	17
45	Seasonal variations of antioxidants and other agronomic features in soilless production of selected fresh aromatic herbs. <i>Scientia Horticulturae</i> , 2018, 234, 290-299.	3.6	15
46	Impact of Chelated or Inorganic Manganese and Zinc Applications in Closed Hydroponic Bean Crops on Growth, Yield, Photosynthesis, and Nutrient Uptake. <i>Agronomy</i> , 2020, 10, 881.	3.0	15
47	Agronomic performance and fruit quality in greenhouse grown eggplant are interactively modulated by iodine dosage and grafting. <i>Scientia Horticulturae</i> , 2022, 295, 110891.	3.6	15
48	European cowpea landraces for a more sustainable agriculture system and novel foods. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4399-4407.	3.5	14
49	Application and further characterization of the snap bean S156/R123 ozone biomonitoring system in relation to ambient air temperature. <i>Science of the Total Environment</i> , 2017, 580, 1046-1055.	8.0	14
50	Physiological, nutritional and growth responses of melon (<i>Cucumis melo</i> L.) to a gradual salinity built-up in recirculating nutrient solution. <i>Journal of Plant Nutrition</i> , 2017, 40, 2168-2180.	1.9	14
51	Nitrogen Nutrition Optimization in Organic Greenhouse Tomato Through the Use of Legume Plants as Green Manure or Intercrops. <i>Agronomy</i> , 2019, 9, 766.	3.0	14
52	Effects of ozone and ammonium sulfate on cauliflower: Emphasis on the interaction between plants and insect herbivores. <i>Science of the Total Environment</i> , 2019, 659, 995-1007.	8.0	14
53	A novel symbiovar (<i>aegeanense</i>) of the genus <i>Ensifer</i> nodulates <i>Vigna unguiculata</i> . <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4314-4325.	3.5	13
54	Comparative Assessment of Hydroponic Lettuce Production Either under Artificial Lighting, or in a Mediterranean Greenhouse during Wintertime. <i>Agriculture (Switzerland)</i> , 2021, 11, 503.	3.1	12

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55	Current situation of greenhouse vegetable production in Greece. <i>Acta Horticulturae</i> , 2016, , 443-448.	0.2	11
56	Nitrate supply limitations in tomato crops grown in a chloride-amended recirculating nutrient solution. <i>Agricultural Water Management</i> , 2021, 258, 107163.	5.6	11
57	The Biology of Legumes and Their Agronomic, Economic, and Social Impact. , 2020, , 3-25.		11
58	Stand-Alone or Combinatorial Effects of Grafting and Microbial and Non-Microbial Derived Compounds on Vigour, Yield and Nutritive and Functional Quality of Greenhouse Eggplant. <i>Plants</i> , 2022, 11, 1175.	3.5	11
59	Legume-Based Mobile Green Manure Can Increase Soil Nitrogen Availability and Yield of Organic Greenhouse Tomatoes. <i>Plants</i> , 2021, 10, 2419.	3.5	10
60	Comparative Assessment of Different Crop Rotation Schemes for Organic Common Bean Production. <i>Agronomy</i> , 2020, 10, 1269.	3.0	9
61	Responses of sweet pepper (<i>Capsicum annum</i> L.) cultivated in a closed hydroponic system to variable calcium concentrations in the nutrient solution. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4342-4349.	3.5	8
62	Impact of Legumes as a Pre-Crop on Nitrogen Nutrition and Yield in Organic Greenhouse Tomato. <i>Plants</i> , 2021, 10, 468.	3.5	8
63	Effect of N Supply Level and N Source Ratio on <i>Cichorium spinosum</i> L. Metabolism. <i>Agronomy</i> , 2020, 10, 952.	3.0	7
64	Genetic characterization at the species and symbiovar level of indigenous rhizobial isolates nodulating <i>Phaseolus vulgaris</i> in Greece. <i>Scientific Reports</i> , 2021, 11, 8674.	3.3	6
65	Impact of the Hydroponic Cropping System on Growth, Yield, and Nutrition of a Greek Sweet Onion (<i>Allium cepa</i> L.) Landrace. <i>Horticulturae</i> , 2021, 7, 432.	2.8	6
66	Can Biostimulants Increase Resilience of Hydroponically-Grown Tomato to Combined Water and Nutrient Stress?. <i>Horticulturae</i> , 2021, 7, 297.	2.8	5
67	Effects of the Preceding Crop on Soil N Availability, Biological Nitrogen Fixation, and Fresh Pod Yield of Organically Grown Faba Bean (<i>Vicia faba</i> L.). <i>Horticulturae</i> , 2022, 8, 496.	2.8	5
68	Which Agronomic Practices Increase the Yield and Quality of Common Bean (<i>Phaseolus vulgaris</i> L.)? A Systematic Review Protocol. <i>Agronomy</i> , 2020, 10, 1008.	3.0	4
69	Inoculation of tomato roots with beneficial micro-organisms as a means to control <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> and improve nutrient uptake and yield. <i>Acta Horticulturae</i> , 2015, , 141-148.	0.2	3
70	Effects of Different Organic Soil Amendments on Nitrogen Nutrition and Yield of Organic Greenhouse Tomato Crop. <i>Nitrogen</i> , 2021, 2, 347-358.	1.3	3
71	Original GC/EI/MS total ion chromatograms of <i>Lemna</i> (<i>Lemna minor</i> L.) treated or not with metribuzin, glyphosate, and their binary mixtures. <i>Data in Brief</i> , 2019, 27, 104591.	1.0	1
72	Effect of storage on quality features of local onion landrace "Vatikiotiko". <i>Acta Horticulturae</i> , 2016, , 125-132.	0.2	0

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73	Impact of organic practices on growth, yield, and greenhouse gas emissions by pea landraces. <i>Acta Horticulturae</i> , 2017, , 77-84.	0.2	0
74	¹ H NMR metabolic profiling dataset of spiny chicory (<i>Cichorium spinosum</i> L.) exposed to abiotic stresses. <i>Data in Brief</i> , 2020, 30, 105622.	1.0	0
75	Differences in the mode of salt tolerance between self-rooted and grafted tomato cultivars and their impact on modeling NaCl accumulation in a closed hydroponic system. , 2017, , .		0
76	Impact of different rhizobial strains and reduced N supply on growth and biological N ₂ -fixation in cowpea grown hydroponically. , 2017, , .		0