

# Georgia Ntatsi

## List of Publications by Year in descending order

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76  
papers

2,104  
citations

186265  
28  
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276875  
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docs citations

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times ranked

2168  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Application of PGPB 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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	Can Biostimulants Increase Resilience of Hydroponically-Grown Tomato to Combined Water and Nutrient Stress?. <i>Horticulturae</i> , 2021, 7, 297.	2.8	5
15	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
16	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
17	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
18	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

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19	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
20	<sup>1</sup> 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
21	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
22	Comparative Assessment of Different Crop Rotation Schemes for Organic Common Bean Production. <i>Agronomy</i> , 2020, 10, 1269.	3.0	9
23	Celery ( <i>Apium graveolens</i> L.) Performances as Subjected to Different Sources of Protein Hydrolysates. <i>Plants</i> , 2020, 9, 1633.	3.5	37
24	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
25	The Biology of Legumes and Their Agronomic, Economic, and Social Impact. , 2020, , 3-25.		11
26	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
27	Original GC/EL/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
28	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
29	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
30	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
31	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
32	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
33	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
34	The quality of leguminous vegetables as influenced by preharvest factors. <i>Scientia Horticulturae</i> , 2018, 232, 191-205.	3.6	34
35	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
36	Trait identification of faba bean ideotypes for Northern European environments. <i>European Journal of Agronomy</i> , 2018, 96, 1-12.	4.1	23

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37	Nutritional value and chemical composition of Greek artichoke genotypes. Food Chemistry, 2018, 267, 296-302.	8.2	50
38	Chemical composition and antioxidant activity of Cichorium spinosum L. leaves in relation to developmental stage. Food Chemistry, 2018, 239, 946-952.	8.2	32
39	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. Journal of the Science of Food and Agriculture, 2018, 98, 1615-1624.	3.5	24
40	Interference of weeds in vegetable crop cultivation, in the changing climate of Southern Europe with emphasis on drought and elevated temperatures: a review. Journal of Agricultural Science, 2018, 156, 1175-1185.	1.3	18
41	Impact of Cultivar and Grafting on Nutrient and Water Uptake by Sweet Pepper ( <i>Capsicum annuum</i> L.) Grown Hydroponically Under Mediterranean Climatic Conditions. Frontiers in Plant Science, 2018, 9, 1244.	3.6	21
42	Faba Bean Cultivation – Revealing Novel Managing Practices for More Sustainable and Competitive European Cropping Systems. Frontiers in Plant Science, 2018, 9, 1115.	3.6	104
43	Nutritional Value, Chemical Characterization and Bulb Morphology of Greek Garlic Landraces. Molecules, 2018, 23, 319.	3.8	45
44	Long-term storage of onion and the factors that affect its quality: A critical review. Food Reviews International, 2017, 33, 62-83.	8.4	51
45	Phylogenetic multilocus sequence analysis of indigenous slow-growing rhizobia nodulating cowpea ( <i>Vigna unguiculata</i> ) Tj ETQq1 1 0,784314 rgBT /Ove	2.8	52
46	A novel symbiovar (aegeanense) of the genus <i>Ensifer</i> nodulates <i>Vigna unguiculata</i> . Journal of the Science of Food and Agriculture, 2017, 97, 4314-4325.	3.5	13
47	Impact of grafting and rootstock on nutrient-to-water uptake ratios during the first month after planting of hydroponically grown tomato. Journal of Horticultural Science and Biotechnology, 2017, 92, 294-302.	1.9	29
48	Phenotypic diversity and evaluation of fresh pods of cowpea landraces from Southern Europe. Journal of the Science of Food and Agriculture, 2017, 97, 4326-4333.	3.5	18
49	European cowpea landraces for a more sustainable agriculture system and novel foods. Journal of the Science of Food and Agriculture, 2017, 97, 4399-4407.	3.5	14
50	Cowpea fresh pods – a new legume for the market: assessment of their quality and dietary characteristics of 37 cowpea accessions grown in southern Europe. Journal of the Science of Food and Agriculture, 2017, 97, 4343-4352.	3.5	28
51	Successive harvesting affects yield, chemical composition and antioxidant activity of <i>Cichorium spinosum</i> L.. Food Chemistry, 2017, 237, 83-90.	8.2	37
52	Application and further characterization of the snap bean S156/R123 ozone biomonitoring system in relation to ambient air temperature. Science of the Total Environment, 2017, 580, 1046-1055.	8.0	14
53	Physiological, nutritional and growth responses of melon ( <i>Cucumis melo</i> L.) to a gradual salinity built-up in recirculating nutrient solution. Journal of Plant Nutrition, 2017, 40, 2168-2180.	1.9	14
54	Salinity source alters mineral composition and metabolism of <i>Cichorium spinosum</i> . Environmental and Experimental Botany, 2017, 141, 113-123.	4.2	35

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55	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
56	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
57	Impact of organic practices on growth, yield, and greenhouse gas emissions by pea landraces. <i>Acta Horticulturae</i> , 2017, , 77-84.	0.2	0
58	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
59	Vegetable Organosulfur Compounds and their Health Promoting Effects. <i>Current Pharmaceutical Design</i> , 2017, 23, 2850-2875.	1.9	53
60	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
61	Impact of different rhizobial strains and reduced N supply on growth and biological N <sub>2</sub> -fixation in cowpea grown hydroponically. , 2017, , .		0
62	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
63	Current situation of greenhouse vegetable production in Greece. <i>Acta Horticulturae</i> , 2016, , 443-448.	0.2	11
64	Effect of storage on quality features of local onion landrace "Vatikiotiko"™. <i>Acta Horticulturae</i> , 2016, , 125-132.	0.2	0
65	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
66	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
67	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
68	Morphological, nutritional and chemical description of "Vatikiotiko", an onion local landrace from Greece. <i>Food Chemistry</i> , 2015, 182, 156-163.	8.2	54
69	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
70	Biostimulant activity of silicon in horticulture. <i>Scientia Horticulturae</i> , 2015, 196, 66-81.	3.6	190
71	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
72	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

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73	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
74	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
75	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
76	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