Giorgio Gianquinto

List of Publications by Year
in descending order

49	2,546	218381	205818
papers	citations	26 h-index	48 g-index

49	49	49	2308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Contribution of cauliflower residues to N nutrition of subsequent lettuce crops grown in rotation in an Italian Alpine environment. Agronomy for Sustainable Development, 2022, 42, 1.	2.2	1
2	Optimization of Substrate and Nutrient Solution Strength for Lettuce and Chinese Cabbage Seedling Production in the Semi-Arid Environment of Central Myanmar. Horticulturae, 2021, 7, 64.	1.2	3
3	Supplemental LED Lighting Effectively Enhances the Yield and Quality of Greenhouse Truss Tomato Production: Results of a Meta-Analysis. Frontiers in Plant Science, 2021, 12, 596927.	1.7	17
4	Pulsed LED Light: Exploring the Balance between Energy Use and Nutraceutical Properties in Indoor-Grown Lettuce. Agronomy, 2021, 11, 1106.	1.3	10
5	Spectral composition from led lighting during storage affects nutraceuticals and safety attributes of fresh-cut red chard (Beta vulgaris) and rocket (Diplotaxis tenuifolia) leaves. Postharvest Biology and Technology, 2021, 175, 111500.	2.9	20
6	The global rise of urban rooftop agriculture: A review of worldwide cases. Journal of Cleaner Production, 2021, 296, 126556.	4.6	56
7	Comparative Study of Three Low-Tech Soilless Systems for the Cultivation of Geranium (Pelargonium) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	3
8	Strategies for Improved Yield and Water Use Efficiency of Lettuce (Lactuca sativa L.) through Simplified Soilless Cultivation under Semi-Arid Climate. Agronomy, 2020, 10, 1379.	1.3	9
9	Appraisal of Salt Tolerance under Greenhouse Conditions of a Cucurbitaceae Genetic Repository of Potential Rootstocks and Scions. Agronomy, 2020, 10, 967.	1.3	8
10	Supplementary LED Interlighting Improves Yield and Precocity of Greenhouse Tomatoes in the Mediterranean. Agronomy, 2020, 10, 1002.	1.3	50
11	LED Lighting Systems for Horticulture: Business Growth and Global Distribution. Sustainability, 2020, 12, 7516.	1.6	39
12	Ecosystem Services of Urban Agriculture: Perceptions of Project Leaders, Stakeholders and the General Public. Sustainability, 2020, 12, 10446.	1.6	26
13	Strategies for Improved Water Use Efficiency (WUE) of Field-Grown Lettuce (Lactuca sativa L.) under a Semi-Arid Climate. Agronomy, 2020, 10, 668.	1.3	18
14	Optimal light intensity for sustainable water and energy use in indoor cultivation of lettuce and basil under red and blue LEDs. Scientia Horticulturae, 2020, 272, 109508.	1.7	103
15	Monitoring nitrogen status of vegetable crops and soils for optimal nitrogen management. Agricultural Water Management, 2020, 241, 106356.	2.4	39
16	Features and Functions of Multifunctional Urban Agriculture in the Global North: A Review. Frontiers in Sustainable Food Systems, 2020, 4, .	1.8	55
17	Sustainable Community Gardens Require Social Engagement and Training: A Usersâ€™ Needs Analysis in Europe. Sustainability, 2019, 11, 3978.	1.6	22
18	Modelling Environmental Burdens of Indoor-Grown Vegetables and Herbs as Affected by Red and Blue LED Lighting. Sustainability, 2019, 11, 4063.	1.6	52

#	Article	IF	Citations
19	How Can Innovation in Urban Agriculture Contribute to Sustainability? A Characterization and Evaluation Study from Five Western European Cities. Sustainability, 2019, 11, 4221.	1.6	44
20	Resource use efficiency of indoor lettuce (Lactuca sativa L.) cultivation as affected by red:blue ratio provided by LED lighting. Scientific Reports, 2019, 9, 14127.	1.6	113
21	Unraveling the Role of Red:Blue LED Lights on Resource Use Efficiency and Nutritional Properties of Indoor Grown Sweet Basil. Frontiers in Plant Science, 2019, 10, 305.	1.7	154
22	Sources of Variation in Assessing Canopy Reflectance of Processing Tomato by Means of Multispectral Radiometry. Sensors, 2019, 19, 4730.	2.1	11
23	Optimization of nitrogen nutrition of cauliflower intercropped with clover and in rotation with lettuce. Scientia Horticulturae, 2019, 246, 734-740.	1.7	22
24	Revisiting the Sustainability Concept of Urban Food Production from a Stakeholdersâ€™ Perspective. Sustainability, 2018, 10, 2175.	1.6	33
25	Social acceptance and perceived ecosystem services of urban agriculture in Southern Europe: The case of Bologna, Italy. PLoS ONE, 2018, 13, e0200993.	1.1	61
26	Toward the Creation of Urban Foodscapes: Case Studies of Successful Urban Agriculture Projects for Income Generation, Food Security, and Social Cohesion. Sustainable Development and Biodiversity, 2018, , 91-106.	1.4	4
27	Eco-Efficiency Assessment and Food Security Potential of Home Gardening: A Case Study in Padua, Italy. Sustainability, 2018, 10, 2124.	1.6	38
28	A Geography of Rooftop Agriculture in 20 Projects. Urban Agriculture, 2017, , 309-382.	0.5	2
29	Morphological and Physiological Plant Responses to Drought Stress inThymus citriodorus. International Journal of Agronomy, 2016, 2016, 1-8.	0.5	91
30	Towards Regenerated and Productive Vacant Areas through Urban Horticulture: Lessons from Bologna, Italy. Sustainability, 2016, 8, 1347.	1.6	50
31	Sustainable Water Management in Green Roofs. Handbook of Environmental Chemistry, 2016, , 167-207.	0.2	1
32	Soilless system on peat reduce trace metals in urban-grown food: unexpected evidence for a soil origin of plant contamination. Agronomy for Sustainable Development, 2016, 36, 1.	2.2	31
33	Salinity thresholds and genotypic variability of cabbage (Brassica oleracea L.) grown under saline stress. Journal of the Science of Food and Agriculture, 2016, 96, 319-330.	1.7	32
34	Optimal red:blue ratio in led lighting for nutraceutical indoor horticulture. Scientia Horticulturae, 2015, 193, 202-208.	1.7	125
35	Heavy metal accumulation in vegetables grown in urban gardens. Agronomy for Sustainable Development, 2015, 35, 1139-1147.	2.2	119
36	Techniques and crops for efficient rooftop gardens in Bologna, Italy. Agronomy for Sustainable Development, 2015, 35, 1477-1488.	2.2	74

#	Article	IF	Citations
37	Exploring the production capacity of rooftop gardens (RTGs) in urban agriculture: the potential impact on food and nutrition security, biodiversity and other ecosystem services in the city of Bologna. Food Security, 2014, 6, 781-792.	2.4	210
38	Urban agriculture in the developing world: a review. Agronomy for Sustainable Development, 2013, 33, 695-720.	2.2	434
39	Improved stomatal regulation and ion partitioning boosts salt tolerance in grafted melon. Functional Plant Biology, 2013, 40, 628.	1.1	31
40	Ionic partitioning and stomatal regulation. Plant Signaling and Behavior, 2013, 8, e27334.	1.2	1
41	Onion Seed Germination as Affected by Temperature and Light. International Journal of Vegetable Science, 2012, 18, 49-63.	0.6	9
42	Low stomatal density and reduced transpiration facilitate strawberry adaptation to salinity. Environmental and Experimental Botany, 2012, 81, 1-10.	2.0	90
43	Beyond the ionic and osmotic response to salinity in Chenopodium quinoa: functional elements of successful halophytism. Functional Plant Biology, 2011, 38, 818.	1.1	127
44	Sistemi ortofrutticoli sostenibili. Italian Journal of Agronomy, 2011, 6, 3.	0.4	0
45	A methodological approach for defining spectral indices for assessing tomato nitrogen status and yield. European Journal of Agronomy, 2011, 35, 135-143.	1.9	60
46	The Use of Diagnostic Optical Tools to Assess Nitrogen Status and to Guide Fertilization of Vegetables. HortTechnology, 2011, 21, 287-292.	0.5	22
47	Steering nitrogen fertilisation by means of portable chlorophyll meter reduces nitrogen input and improves quality of fertigated cantaloupe (Cucumis melo L. var. cantalupensis Naud.). Journal of the Science of Food and Agriculture, 2010, 90, 482-493.	1.7	9
48	The influence of aluminium availability on phosphate uptake in Phaseolus vulgaris L. and Phaseolus lunatus L.. Plant Physiology and Biochemistry, 2009, 47, 68-72.	2.8	13
49	Optical Tools, a Suitable Means to Reduce Nitrogen Use in Fertigated Tomato Crop. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 982B-982.	0.5	4