

# Gaetano Pandino

## List of Publications by Year in descending order

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62  
papers

2,041  
citations

201575

27  
h-index

254106

43  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomass yield and polyphenol compounds profile in globe artichoke as affected by irrigation frequency and drying temperature. <i>Industrial Crops and Products</i> , 2022, 176, 114375.	2.5	12
2	Mycorrhizal Inoculation Improves Plant Growth and Yield of Micropropagated Early Globe Artichoke under Field Conditions. <i>Agriculture (Switzerland)</i> , 2022, 12, 114.	1.4	3
3	Allelopathy in Durum Wheat Landraces as Affected by Genotype and Plant Part. <i>Plants</i> , 2022, 11, 1021.	1.6	17
4	Caffeoylquinic acids and flavones profile in <i>Cynara cardunculus</i> L. seedlings under controlled conditions as affected by light and water-supply treatments. <i>Scientia Horticulturae</i> , 2022, 302, 111180.	1.7	10
5	Improvement in the Cynaropicrin, Caffeoylquinic Acid and Flavonoid Content of Globe Artichokes with Gibberellic Acid Treatment. <i>Plants</i> , 2022, 11, 1845.	1.6	4
6	<i>Trifolium subterraneum</i> cover cropping for improving the nutritional status of a Mediterranean apricot orchard. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3767-3777.	1.7	7
7	Active Packaging-Releasing System with <i>Foeniculum vulgare</i> Essential Oil for the Quality Preservation of Ready-to-Cook (RTC) Globe Artichoke Slices. <i>Foods</i> , 2021, 10, 517.	1.9	6
8	Mycorrhizal Inoculation Improves Mineral Content of Organic Potatoes Grown under Calcareous Soil. <i>Agriculture (Switzerland)</i> , 2021, 11, 333.	1.4	6
9	<i>Trifolium subterraneum</i> cover cropping enhances soil fertility and weed seedbank dynamics in a Mediterranean apricot orchard. <i>Agronomy for Sustainable Development</i> , 2021, 41, 1.	2.2	16
10	Agro-Morphological, Biochemical and Antioxidant Characterization of a Tunisian Chili Pepper Germplasm Collection. <i>Agriculture (Switzerland)</i> , 2021, 11, 1236.	1.4	3
11	Leaf extracts of cultivated cardoon as potential bioherbicide. <i>Scientia Horticulturae</i> , 2020, 261, 109024.	1.7	36
12	Long-Term Effect of Cover Crops on Species Abundance and Diversity of Weed Flora. <i>Plants</i> , 2020, 9, 1506.	1.6	24
13	Productive and Physiological Response of Organic Potato Grown under Highly Calcareous Soils to Fertilization and Mycorrhization Management. <i>Agronomy</i> , 2020, 10, 1200.	1.3	12
14	Evaluation of Pigments, Phenolic and Volatile Compounds, and Antioxidant Activity of a Spontaneous Population of <i>Portulaca oleracea</i> L. Grown in Tunisia. <i>Agriculture (Switzerland)</i> , 2020, 10, 353.	1.4	11
15	Improving soil health, weed management and nitrogen dynamics by <i>Trifolium subterraneum</i> cover cropping. <i>Agronomy for Sustainable Development</i> , 2020, 40, 1.	2.2	23
16	Organic Cropping System Affects Grain Chemical Composition, Rheological and Agronomic Performance of Durum Wheat. <i>Agriculture (Switzerland)</i> , 2020, 10, 46.	1.4	23
17	Optimizing Nitrogen Fertilization to Improve Qualitative Performances and Physiological and Yield Responses of Potato ( <i>Solanum tuberosum</i> L.). <i>Agronomy</i> , 2020, 10, 352.	1.3	19
18	Influence of Catch Crops on Yield and Chemical Composition of Winter Garlic Grown for Bunch Harvesting. <i>Agriculture (Switzerland)</i> , 2020, 10, 134.	1.4	6

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19	Allelopathic potential of leaf aqueous extracts from <i>Cynara cardunculus</i> L. on the seedling growth of two cosmopolitan weed species. <i>Italian Journal of Agronomy</i> , 2019, 14, 78-83.	0.4	29
20	Shelf-life study of ready-to-cook slices of globe artichoke "Spinoso sardo": effects of anti-browning solutions and edible coating enriched with <i>Foeniculum vulgare</i> essential oil. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 5219-5228.	1.7	12
21	Antimicrobial activity of cultivated cardoon ( <i>Cynara cardunculus</i> L. var. <i>altilis</i> DC.) leaf extracts against bacterial species of agricultural and food interest. <i>Industrial Crops and Products</i> , 2019, 129, 206-211.	2.5	60
22	The influence of pre-harvest factors on the quality of globe artichoke. <i>Scientia Horticulturae</i> , 2018, 233, 479-490.	1.7	36
23	The effect of sous vide packaging with rosemary essential oil on storage quality of fresh-cut potato. <i>LWT - Food Science and Technology</i> , 2018, 94, 111-118.	2.5	44
24	Integrated agronomical and technological approach for the quality maintenance of ready-to-fry potato sticks during refrigerated storage. <i>Postharvest Biology and Technology</i> , 2018, 136, 23-30.	2.9	30
25	Allelopathic effects of <i>Cynara cardunculus</i> L. leaf aqueous extracts on seed germination of some Mediterranean weed species. <i>Italian Journal of Agronomy</i> , 2018, 13, 119-125.	0.4	31
26	Effect of nitrogen fertilisation on the overall quality of minimally processed globe artichoke heads. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 650-658.	1.7	19
27	Biochemical characterization and antioxidant activities of the edible part of globe artichoke cultivars grown in Tunisia. <i>International Journal of Food Properties</i> , 2017, 20, S810-S819.	1.3	12
28	Variation of biochemical and antioxidant activity with respect to the part of <i>Capsicum annuum</i> fruit from Tunisian autochthonous cultivars. <i>Industrial Crops and Products</i> , 2017, 104, 164-170.	2.5	25
29	The effect on tuber quality of an organic versus a conventional cultivation system in the early crop potato. <i>Journal of Food Composition and Analysis</i> , 2017, 62, 189-196.	1.9	36
30	Minerals profile of two globe artichoke cultivars as affected by NPK fertilizer regimes. <i>Food Research International</i> , 2017, 100, 95-99.	2.9	22
31	In vitro micropropagation and mycorrhizal treatment influences the polyphenols content profile of globe artichoke under field conditions. <i>Food Research International</i> , 2017, 99, 385-392.	2.9	33
32	Quality traits of ready-to-use globe artichoke slices as affected by genotype, harvest time and storage time. Part II: Physiological, microbiological and sensory aspects. <i>LWT - Food Science and Technology</i> , 2017, 79, 554-560.	2.5	14
33	Phytochemicals accumulation and antioxidant activity in callus and suspension cultures of <i>Cynara scolymus</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 128, 223-230.	1.2	22
34	Variation in seed mineral elements profile and yield in field bean ( <i>Vicia faba</i> L. var. <i>minor</i> ) genotypes. <i>Italian Journal of Agronomy</i> , 2016, 11, 261-267.	0.4	7
35	Phytochemical Compounds from the Crop Byproducts of Tunisian Globe Artichoke Cultivars. <i>Chemistry and Biodiversity</i> , 2016, 13, 1475-1483.	1.0	16
36	Effect of cultivar x ozone treatment interaction on the total polyphenols content and antioxidant activity of globe artichoke. <i>Italian Journal of Agronomy</i> , 2015, 10, 105-107.	0.4	4

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37	Exploitability of cultivated and wild cardoon as long-term, low-input energy crops. <i>Italian Journal of Agronomy</i> , 2015, 10, 44-46.	0.4	13
38	Cover crops for managing weeds, soil chemical fertility and nutritional status of organically grown orange orchard in Sicily. <i>Italian Journal of Agronomy</i> , 2015, 10, 101-104.	0.4	13
39	In vitro antioxidant activities and phenolic content in crop residues of Tunisian globe artichoke. <i>Scientia Horticulturae</i> , 2015, 190, 128-136.	1.7	33
40	Influence of an O <sub>3</sub> -atmosphere storage on microbial growth and antioxidant contents of globe artichoke as affected by genotype and harvest time. <i>Innovative Food Science and Emerging Technologies</i> , 2015, 27, 121-128.	2.7	30
41	Effect of packaging film and antibrowning solution on quality maintenance of minimally processed globe artichoke heads. <i>Innovative Food Science and Emerging Technologies</i> , 2015, 31, 97-104.	2.7	18
42	The nutraceutical response of two globe artichoke cultivars to contrasting NPK fertilizer regimes. <i>Food Research International</i> , 2015, 76, 852-859.	2.9	36
43	The mineral profile in organically and conventionally grown "early" crop potato tubers. <i>Scientia Horticulturae</i> , 2014, 167, 169-173.	1.7	28
44	An innovative combined water ozonisation/O <sub>3</sub> -atmosphere storage for preserving the overall quality of two globe artichoke cultivars. <i>Innovative Food Science and Emerging Technologies</i> , 2014, 21, 82-89.	2.7	34
45	Leaf polyphenol profile and SSR-based fingerprinting of new segregant <i>Cynara cardunculus</i> genotypes. <i>Frontiers in Plant Science</i> , 2014, 5, 800.	1.7	32
46	Choice of time of harvest influences the polyphenol profile of globe artichoke. <i>Journal of Functional Foods</i> , 2013, 5, 1822-1828.	1.6	46
47	The influence of growing environment on the antioxidant and mineral content of "early" crop potato. <i>Journal of Food Composition and Analysis</i> , 2013, 32, 28-35.	1.9	38
48	Globe artichoke leaves and floral stems as a source of bioactive compounds. <i>Industrial Crops and Products</i> , 2013, 44, 44-49.	2.5	89
49	The phenology, yield and tuber composition of "early"™ crop potatoes: A comparison between organic and conventional cultivation systems. <i>Renewable Agriculture and Food Systems</i> , 2013, 28, 50-58.	0.8	28
50	Variation in polyphenol profile and head morphology among clones of globe artichoke selected from a landrace. <i>Scientia Horticulturae</i> , 2012, 138, 259-265.	1.7	41
51	Variation of polyphenols in a germplasm collection of globe artichoke. <i>Food Research International</i> , 2012, 46, 544-551.	2.9	60
52	Polyphenol profile and content in wild and cultivated <i>Cynara cardunculus</i> L.. <i>Italian Journal of Agronomy</i> , 2012, 7, 35.	0.4	38
53	Nutritional and sensory characteristics of "early" potato cultivars under organic and conventional cultivation systems. <i>Food Chemistry</i> , 2012, 133, 1249-1254.	4.2	51
54	Tuber yield, water and fertilizer productivity in early potato as affected by a combination of irrigation and fertilization. <i>Agricultural Water Management</i> , 2011, 101, 35-41.	2.4	90

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55	New cropping designs for globe artichoke industry. Italian Journal of Agronomy, 2011, 6, 8.	0.4	5
56	Chemical and Morphological Characteristics of New Clones and Commercial Varieties of Globe Artichoke ( <i>Cynara cardunculus</i> var. <i>scolymus</i> ). Plant Foods for Human Nutrition, 2011, 66, 291-297.	1.4	44
57	Mineral profile in globe artichoke as affected by genotype, head part and environment. Journal of the Science of Food and Agriculture, 2011, 91, 302-308.	1.7	41
58	Phenolic acids and flavonoids in leaf and floral stem of cultivated and wild <i>Cynara cardunculus</i> L. genotypes. Food Chemistry, 2011, 126, 417-422.	4.2	107
59	Profile of polyphenols and phenolic acids in bracts and receptacles of globe artichoke ( <i>Cynara</i> ) Tj ETQq1 1 0.784314,rgBT /Overlock 107	1.95	120
60	Influence of genotype, harvest time and plant part on polyphenolic composition of globe artichoke [ <i>Cynara cardunculus</i> L. var. <i>scolymus</i> (L.) Fiori]. Food Chemistry, 2010, 119, 1175-1181.	4.2	170
61	Caffeoylquinic Acids and Flavonoids in the Immature Inflorescence of Globe Artichoke, Wild Cardoon, and Cultivated Cardoon. Journal of Agricultural and Food Chemistry, 2010, 58, 1026-1031.	2.4	103
62	Variation of Phenolic Content in Globe Artichoke in Relation to Biological, Technical and Environmental Factors. Italian Journal of Agronomy, 2009, 4, 181.	0.4	43