

Maria Grazia Melilli

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Physiological Role of Inulin in Wild Cardoon (<i>Cynara cardunculus</i> L. var. <i>sylvestris</i> Lam.). <i>Agronomy</i> , 2022, 12, 290.	3.0	3
2	Overall Quality of "Early" Potato Tubers as Affected by Organic Cultivation. <i>Agronomy</i> , 2022, 12, 296.	3.0	6
3	Spaghetti Enriched with Inulin: Effect of Polymerization Degree on Quality Traits and α -Amylase Inhibition. <i>Molecules</i> , 2022, 27, 2482.	3.8	6
4	Polyphenol Characterization and Antioxidant Activity of Grape Seeds and Skins from Sicily: A Preliminary Study. <i>Sustainability</i> , 2022, 14, 6702.	3.2	23
5	<i>Opuntia</i> cladodes as functional ingredient in durum wheat bread: rheological, sensory, and chemical characterization. <i>CYTA - Journal of Food</i> , 2021, 19, 96-104.	1.9	10
6	Fiordilatte Cheese Fortified with Inulin from <i>Cichorium intybus</i> or <i>Cynara cardunculus</i> . <i>Foods</i> , 2021, 10, 1215.	4.3	8
7	Lentil Fortified Spaghetti: Technological Properties and Nutritional Characterization. <i>Foods</i> , 2021, 10, 4.	4.3	17
8	Preservation of vitamins content in Cuccia using an innovative method of processing. <i>Natural Product Research</i> , 2020, 34, 153-157.	1.8	1
9	Antioxidant activity and fatty acids quantification in Sicilian purslane germplasm. <i>Natural Product Research</i> , 2020, 34, 26-33.	1.8	13
10	Effect of storage on quality parameters and phenolic content of Italian extra-virgin olive oils. <i>Natural Product Research</i> , 2020, 34, 78-86.	1.8	35
11	Germplasm evaluation to obtain inulin with high degree of polymerization in Mediterranean environment. <i>Natural Product Research</i> , 2020, 34, 187-191.	1.8	12
12	Omega-3 rich foods: Durum wheat spaghetti fortified with <i>Portulaca oleracea</i> . <i>Food Bioscience</i> , 2020, 37, 100730.	4.4	26
13	Effect of Sunlight Exposure on Anthocyanin and Non-Anthocyanin Phenolic Levels in Pomegranate Juices by High Resolution Mass Spectrometry Approach. <i>Foods</i> , 2020, 9, 1161.	4.3	14
14	Phenolic Compounds Characterization and Antioxidant Properties of Monocultivar Olive Oils from Northeast Algeria. <i>Agriculture (Switzerland)</i> , 2020, 10, 494.	3.1	15
15	Improvement of Fatty Acid Profile in Durum Wheat Breads Supplemented with <i>Portulaca oleracea</i> L. Quality Traits of Purslane-Fortified Bread. <i>Foods</i> , 2020, 9, 764.	4.3	26
16	Inulin enriched durum wheat spaghetti: Effect of polymerization degree on technological and nutritional characteristics. <i>Journal of Functional Foods</i> , 2020, 71, 104004.	3.4	26
17	Sensory properties of canned cardoon hearts in relation to genotype. <i>Acta Horticulturae</i> , 2020, , 195-200.	0.2	0
18	Antioxidant activity and phenolic composition in pomegranate (<i>Punica granatum</i> L.) genotypes from south Italy by UHPLC-Orbitrap-MS approach. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 1038-1045.	3.5	50

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19	Enhancing Greenhouse Tomato-Crop Productivity by Using Brassica macrocarpa Guss. Leaves for Controlling Root-Knot Nematodes. Agronomy, 2019, 9, 820.	3.0	21
20	The quality of functional whole-meal durum wheat spaghetti as affected by inulin polymerization degree. Carbohydrate Polymers, 2017, 173, 84-90.	10.2	27
21	Phytotoxicity of heavy metals in <i>Cynara cardunculus</i> L. growing in contaminated soil. Acta Horticulturae, 2016, , 119-126.	0.2	5
22	Seed germination responses to salt stress in wild and cultivated Sicilian cardoon genotypes. Acta Horticulturae, 2016, , 9-14.	0.2	9
23	Reduction of browning phenomena of minimally processed artichoke hearts. Acta Horticulturae, 2016, , 223-236.	0.2	10
24	Reduction of browning of minimally processed artichoke hearts treated by GRAS molecules. Acta Horticulturae, 2016, , 237-242.	0.2	3
25	Effects of heavy metals on seedlings germination and growth in different cardoon genotypes. Acta Horticulturae, 2016, , 281-288.	0.2	10
26	Characterization of a <i>MADS Flowering Locus C</i> like (MFL) in <i>Cynara cardunculus</i> var. <i>altalis</i> under different sowing and planting density. Acta Horticulturae, 2016, , 301-308.	0.2	3
27	Fructose production by <i>Cynara cardunculus</i> inulin hydrolysis. Acta Horticulturae, 2016, , 309-314.	0.2	6
28	Healthy pasta production using inulin from cardoon: first results of sensory evaluation. Acta Horticulturae, 2016, , 407-412.	0.2	5
29	Pilot plant system for biodiesel and pellet production from cardoon: technical and economic feasibility. Acta Horticulturae, 2016, , 429-442.	0.2	18
30	Mapping of arid-cultural systems for biomass production with low energetic input in marginal areas. Acta Horticulturae, 2016, , 443-448.	0.2	0
31	Dormancy-related genes isolation in <i>Cynara cardunculus</i> var. <i>sylvestris</i> . Acta Horticulturae, 2016, , 315-322.	0.2	5
32	A comparative study of oilseed crops (<i>Brassica napus</i> L. subsp. <i>oleifera</i> and <i>Brassica carinata</i> A. Braun) in the biodiesel production chain and their adaptability to different Italian areas. Industrial Crops and Products, 2015, 75, 98-107.	5.2	22
33	Adaptability of sunflower (<i>Helianthus annuus</i> L.) high oleic hybrids to different Italian areas for biodiesel production. Industrial Crops and Products, 2015, 75, 108-117.	5.2	22
34	ASCORBIC ACID AND TOTAL PHENOLICS CONTENT IN EARLY POTATOES AS AFFECTED BY GROWING SEASON, GENOTYPE AND HARVEST TIME. Acta Horticulturae, 2014, , 133-141.	0.2	5
35	NUTRITIONAL QUALITY OF GLOBE ARTICHOKE [<i>CYNARA CARDUNCULUS</i> L. SUBSP. <i>SCOLYMUS</i> (L.) HEGI] HEAD AS AFFECTED BY GENOTYPE AND ENVIRONMENT OF CULTIVATION. Acta Horticulturae, 2014, , 187-192.	0.2	4
36	BRASSICAS AND THEIR GLUCOSINOLATE CONTENT FOR THE BIOLOGICAL CONTROL OF ROOT-KNOT NEMATODES IN PROTECTED CULTIVATION. Acta Horticulturae, 2013, , 539-544.	0.2	4

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37	CHEMICAL CHARACTERIZATION OF THE ACHENES IN CYNARA CARDUNCULUS L. VAR. ALTILIS TO RECOVER OIL AND BIOCOMPOUNDS. <i>Acta Horticulturae</i> , 2013, , 103-107.	0.2	1
38	GLOBE ARTICHOKE GENETIC VARIABILITY FOR RESIDUAL BIOMASS PRODUCTION AS RENEWABLE RESOURCES OF ENERGY IN SOUTH ITALY. <i>Acta Horticulturae</i> , 2013, , 129-132.	0.2	6
39	ANTIOXIDANT COMPOUND CHANGES DURING COLD STORAGE OF MINIMALLY PROCESSED GLOBE ARTICHOKE HEADS. <i>Acta Horticulturae</i> , 2013, , 427-431.	0.2	4
40	HEALTHY COMPOUNDS IN GLOBE ARTICHOKE (CYNARA CARDUNCULUS L. SUBSP. SCOLYMUS (L.) HEGI) HEADS AS AFFECTED BY GENOTYPE AND HARVEST TIME. <i>Acta Horticulturae</i> , 2013, , 439-444.	0.2	4
41	HEADS PRODUCTION IN CYNARA CARDUNCULUS L. SUBSP. SCOLYMUS (L.) HEGI AS AFFECTED BY PLANT DENSITY AND ARRANGEMENT. <i>Acta Horticulturae</i> , 2013, , 363-368.	0.2	0
42	HEADS PRODUCTION IN FOUR GENOTYPES OF GLOBE ARTICHOKE PROPAGATED WITH DIFFERENT METHODS. <i>Acta Horticulturae</i> , 2013, , 355-361.	0.2	1
43	MORPHOLOGICAL, PRODUCTIVE AND ENERGETIC CHARACTERIZATION OF BRASSICA CARINATA IN CENTRAL, NORTH AND SOUTH AREAS OF ITALY. <i>Acta Horticulturae</i> , 2013, , 419-426.	0.2	5
44	DEVELOPMENT OF MODIFIED ATMOSPHERE PACKAGES ON THE QUALITY OF SICILIAN KALE (BRASSICA Tj ETQq0 0,0 rgBT /Overlock 10	0.2	3
45	INFLUENCE OF SHADING ON FLOWERING INDUCTION AND INULIN METABOLISM IN ROOTS OF CYNARA CARDUNCULUS L.. <i>Acta Horticulturae</i> , 2013, , 415-420.	0.2	6
46	CHEMICAL CHARACTERIZATION OF CYNARA CARDUNCULUS VAR. ALTILIS BIOMASS WITH LOW ASHES CONTENT TO OBTAIN SOLID BIOFUEL. <i>Acta Horticulturae</i> , 2013, , 123-128.	0.2	2
47	INFLUENCE OF COLD STORAGE AND WASHING TREATMENTS ON TOTAL POLYPHENOLS CONTENT IN GLOBE ARTICHOKE HEADS. <i>Acta Horticulturae</i> , 2012, , 391-394.	0.2	2
48	INULIN AND INULIN METABOLIZING ENZYME ACTIVITIES DURING THE GROWTH CYCLE OF WILD CARDOON. <i>Acta Horticulturae</i> , 2012, , 419-425.	0.2	6
49	DIFFERENCES OF HEALTH-PROMOTING COMPOUNDS ACCUMULATION IN BUDS OF GLOBE ARTICHOKE AS AFFECTED BY GENOTYPE AND ENVIRONMENT. <i>Acta Horticulturae</i> , 2012, , 457-462.	0.2	7
50	EVALUATION OF FATTY ACIDS COMPOSITION IN GRAIN OIL OF CARDOON (CYNARA CARDUNCULUS L.). <i>Acta Horticulturae</i> , 2012, , 463-468.	0.2	1
51	EFFECT OF PLANT DENSITY ON BIOMASS AND GRAIN YIELDS IN CYNARA CARDUNCULUS VAR. ALTILIS CULTIVATED IN SICILY. <i>Acta Horticulturae</i> , 2012, , 303-308.	0.2	14
52	Genetic variability in <i>Cynara cardunculus</i> L. domestic and wild types for grain oil production and fatty acids composition. <i>Biomass and Bioenergy</i> , 2011, 35, 3167-3173.	5.7	45
53	Seasonal dynamics of biomass, inulin, and water-soluble sugars in roots of <i>Cynara cardunculus</i> L.. <i>Field Crops Research</i> , 2010, 116, 147-153.	5.1	71
54	Biomass and grain oil yields in <i>Cynara cardunculus</i> L. genotypes grown in a Mediterranean environment. <i>Field Crops Research</i> , 2007, 101, 187-197.	5.1	119

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55	INFLUENCE OF DIFFERENT SUBSTRATES ON IN VITRO INITIATION OF SOME EARLY AND LATE CULTIVARS OF GLOBE ARTICHOKE [CYNARA CARDUNCULUS L. SUBSP. SCOLYMUS (L.) HAYEK]. Acta Horticulturae, 2007, , 107-112.	0.2	1
56	INULIN AND WATER-SOLUBLE-SUGARS VARIATIONS IN CYNARA ROOTS DURING THE BIOLOGICAL CYCLE. Acta Horticulturae, 2007, , 475-481.	0.2	3
57	SCREENING OF GENETIC VARIABILITY FOR SOME PHENOLIC CONSTITUENTS OF GLOBE ARTICHOKE HEAD. Acta Horticulturae, 2007, , 85-91.	0.2	8
58	PLANT ARCHITECTURE AND BIOMASS PARTITIONING VARIATION AS AFFECTED BY PLANT DENSITY IN CYNARA CARDUNCULUS L. VAR. SYLVESTRIS LAM.. Acta Horticulturae, 2007, , 149-156.	0.2	1
59	EFFECT OF STORAGE TEMPERATURE AND GENOTYPE ON QUALITY OF GLOBE ARTICHOKE [CYNARA CARDUNCULUS L. SUBSP. SCOLYMUS (L.) HEGI] HEAD. Acta Horticulturae, 2007, , 449-454.	0.2	4
60	MULTIPLE UTILISATION OF THE PLANT IN CYNARA CARDUNCULUS L. VAR. SYLVESTRIS LAM.: INULIN YIELD. Acta Horticulturae, 2005, , 475-482.	0.2	9
61	GENETIC AND ENVIRONMENTAL INFLUENCE ON INULIN YIELD IN WILD CARDOON (CYNARA CARDUNCULUS L.) Tj	0.2	9
62	Genetic diversity in <i>Cynara cardunculus</i> revealed by AFLP markers: comparison between cultivars and wild types from Sicily*. Plant Breeding, 2004, 123, 280-284.	1.9	64
63	Intraspecific variability in <i>Cynara cardunculus</i> L. var. <i>sylvestris</i> Lam. Sicilian populations: seed germination under salt and moisture stresses. Journal of Arid Environments, 2004, 56, 107-116.	2.4	50
64	<i>Cynara cardunculus</i> L., a potential source of inulin in the Mediterranean environment: screening of genetic variability. Australian Journal of Agricultural Research, 2004, 55, 693.	1.5	67
65	POTENTIAL UTILISATION OF GLOBE ARTICHOKE [CYNARA CARDUNCULUS L. SUBSP. SCOLYMUS (L.) HEGI] CROP RESIDUES: BIOMASS FOR ENERGY AND ROOTS FOR INULIN PRODUCTION. Acta Horticulturae, 2004, , 607-613.	0.2	4
66	EFFECT OF COLD STORAGE ON COLOR CHANGES IN GLOBE ARTICHOKE [CYNARA CARDUNCULUS L. SUBSP. SCOLYMUS (L.) HEGI] HEAD TISSUES. Acta Horticulturae, 2004, , 557-561.	0.2	4