

Maria Grazia Melilli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8626475/publications.pdf>

Version: 2024-02-01

66
papers

988
citations

471509

17
h-index

477307

29
g-index

66
all docs

66
docs citations

66
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	<i>Cynara cardunculus</i> L., a potential source of inulin in the Mediterranean environment: screening of genetic variability. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 693.	1.5	67
4	Genetic diversity in <i>Cynara cardunculus</i> revealed by AFLP markers: comparison between cultivars and wild types from Sicily*. <i>Plant Breeding</i> , 2004, 123, 280-284.	1.9	64
5	Intraspecific variability in <i>Cynara cardunculus</i> L. var. <i>sylvestris</i> Lam. Sicilian populations: seed germination under salt and moisture stresses. <i>Journal of Arid Environments</i> , 2004, 56, 107-116.	2.4	50
6	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
7	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
8	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
9	The quality of functional whole-meal durum wheat spaghetti as affected by inulin polymerization degree. <i>Carbohydrate Polymers</i> , 2017, 173, 84-90.	10.2	27
10	Omega-3 rich foods: Durum wheat spaghetti fortified with <i>Portulaca oleracea</i> . <i>Food Bioscience</i> , 2020, 37, 100730.	4.4	26
11	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
12	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
13	Polyphenol Characterization and Antioxidant Activity of Grape Seeds and Skins from Sicily: A Preliminary Study. <i>Sustainability</i> , 2022, 14, 6702.	3.2	23
14	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. <i>Industrial Crops and Products</i> , 2015, 75, 98-107.	5.2	22
15	Adaptability of sunflower (<i>Helianthus annuus</i> L.) high oleic hybrids to different Italian areas for biodiesel production. <i>Industrial Crops and Products</i> , 2015, 75, 108-117.	5.2	22
16	Enhancing Greenhouse Tomato-Crop Productivity by Using <i>Brassica macrocarpa</i> Guss. Leaves for Controlling Root-Knot Nematodes. <i>Agronomy</i> , 2019, 9, 820.	3.0	21
17	Pilot plant system for biodiesel and pellet production from cardoon: technical and economic feasibility. <i>Acta Horticulturae</i> , 2016, , 429-442.	0.2	18
18	Lentil Fortified Spaghetti: Technological Properties and Nutritional Characterization. <i>Foods</i> , 2021, 10, 4.	4.3	17

#	ARTICLE	IF	CITATIONS
19	Phenolic Compounds Characterization and Antioxidant Properties of Monocultivar Olive Oils from Northeast Algeria. Agriculture (Switzerland), 2020, 10, 494.	3.1	15
20	EFFECT OF PLANT DENSITY ON BIOMASS AND GRAIN YIELDS IN CYNARA CARDUNCULUS VAR. ALTILIS CULTIVATED IN SICILY. Acta Horticulturae, 2012, , 303-308.	0.2	14
21	Effect of Sunlight Exposure on Anthocyanin and Non-Anthocyanin Phenolic Levels in Pomegranate Juices by High Resolution Mass Spectrometry Approach. Foods, 2020, 9, 1161.	4.3	14
22	Antioxidant activity and fatty acids quantification in Sicilian purslane germplasm. Natural Product Research, 2020, 34, 26-33.	1.8	13
23	Germplasm evaluation to obtain inulin with high degree of polymerization in Mediterranean environment. Natural Product Research, 2020, 34, 187-191.	1.8	12
24	Reduction of browning phenomena of minimally processed artichoke hearts. Acta Horticulturae, 2016, , 223-236.	0.2	10
25	Effects of heavy metals on seedlings germination and growth in different cardoon genotypes. Acta Horticulturae, 2016, , 281-288.	0.2	10
26	<i>Opuntia</i> cladodes as functional ingredient in durum wheat bread: rheological, sensory, and chemical characterization. CYTA - Journal of Food, 2021, 19, 96-104.	1.9	10
27	MULTIPLE UTILISATION OF THE PLANT IN CYNARA CARDUNCULUS L. VAR. SYLVESTRIS LAM.: INULIN YIELD. Acta Horticulturae, 2005, , 475-482.	0.2	9
28	Seed germination responses to salt stress in wild and cultivated Sicilian cardoon genotypes. Acta Horticulturae, 2016, , 9-14.	0.2	9
29	Fiordilatte Cheese Fortified with Inulin from Cichorium intybus or Cynara cardunculus. Foods, 2021, 10, 1215.	4.3	8
30	SCREENING OF GENETIC VARIABILITY FOR SOME PHENOLIC CONSTITUENTS OF GLOBE ARTICHOKE HEAD. Acta Horticulturae, 2007, , 85-91.	0.2	8
31	DIFFERENCES OF HEALTH-PROMOTING COMPOUNDS ACCUMULATION IN BUDS OF GLOBE ARTICHOKE AS AFFECTED BY GENOTYPE AND ENVIRONMENT. Acta Horticulturae, 2012, , 457-462.	0.2	7
32	GENETIC AND ENVIRONMENTAL INFLUENCE ON INULIN YIELD IN WILD CARDOON (CYNARA CARDUNCULUS L.) Tj ETQq0 0 0rgBT /Over	0.2	6
33	INULIN AND INULIN METABOLIZING ENZYME ACTIVITIES DURING THE GROWTH CYCLE OF WILD CARDOON. Acta Horticulturae, 2012, , 419-425.	0.2	6
34	GLOBE ARTICHOKE GENETIC VARIABILITY FOR RESIDUAL BIOMASS PRODUCTION AS RENEWABLE RESOURCES OF ENERGY IN SOUTH ITALY. Acta Horticulturae, 2013, , 129-132.	0.2	6
35	Fructose production by Cynara cardunculus inulin hydrolysis. Acta Horticulturae, 2016, , 309-314.	0.2	6
36	INFLUENCE OF SHADING ON FLOWERING INDUCTION AND INULIN METABOLISM IN ROOTS OF CYNARA CARDUNCULUS L.. Acta Horticulturae, 2013, , 415-420.	0.2	6

#	ARTICLE	IF	CITATIONS
37	Overall Quality of "Early" Potato Tubers as Affected by Organic Cultivation. <i>Agronomy</i> , 2022, 12, 296.	3.0	6
38	Spaghetti Enriched with Inulin: Effect of Polymerization Degree on Quality Traits and α -Amylase Inhibition. <i>Molecules</i> , 2022, 27, 2482.	3.8	6
39	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
40	ASCORBIC ACID AND TOTAL PHENOLICS CONTENT IN EARLY POTATOES AS AFFECTED BY GROWING SEASON, GENOTYPE AND HARVEST TIME. <i>Acta Horticulturae</i> , 2014, , 133-141.	0.2	5
41	Phytotoxicity of heavy metals in <i>Cynara cardunculus</i> L. growing in contaminated soil. <i>Acta Horticulturae</i> , 2016, , 119-126.	0.2	5
42	Healthy pasta production using inulin from cardoon: first results of sensory evaluation. <i>Acta Horticulturae</i> , 2016, , 407-412.	0.2	5
43	Dormancy-related genes isolation in <i>Cynara cardunculus</i> var. <i>sylvestris</i> . <i>Acta Horticulturae</i> , 2016, , 315-322.	0.2	5
44	POTENTIAL UTILISATION OF GLOBE ARTICHOKE [CYNARA CARDUNCULUS L. SUBSP. SCOLYMUS (L.) HEGI] CROP RESIDUES: BIOMASS FOR ENERGY AND ROOTS FOR INULIN PRODUCTION. <i>Acta Horticulturae</i> , 2004, , 607-613.	0.2	4
45	BRASSICAS AND THEIR GLUCOSINOLATE CONTENT FOR THE BIOLOGICAL CONTROL OF ROOT-KNOT NEMATODES IN PROTECTED CULTIVATION. <i>Acta Horticulturae</i> , 2013, , 539-544.	0.2	4
46	ANTIOXIDANT COMPOUND CHANGES DURING COLD STORAGE OF MINIMALLY PROCESSED GLOBE ARTICHOKE HEADS. <i>Acta Horticulturae</i> , 2013, , 427-431.	0.2	4
47	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
48	EFFECT OF COLD STORAGE ON COLOR CHANGES IN GLOBE ARTICHOKE [CYNARA CARDUNCULUS L. SUBSP. SCOLYMUS (L.) HEGI] HEAD TISSUES. <i>Acta Horticulturae</i> , 2004, , 557-561.	0.2	4
49	NUTRITIONAL QUALITY OF GLOBE ARTICHOKE [CYNARA CARDUNCULUS L. SUBSP. SCOLYMUS (L.) HEGI] HEAD AS AFFECTED BY GENOTYPE AND ENVIRONMENT OF CULTIVATION. <i>Acta Horticulturae</i> , 2014, , 187-192.	0.2	4
50	EFFECT OF STORAGE TEMPERATURE AND GENOTYPE ON QUALITY OF GLOBE ARTICHOKE [CYNARA CARDUNCULUS L. SUBSP. SCOLYMUS (L.) HEGI] HEAD. <i>Acta Horticulturae</i> , 2007, , 449-454.	0.2	4
51	INULIN AND WATER-SOLUBLE-SUGARS VARIATIONS IN CYNARA ROOTS DURING THE BIOLOGICAL CYCLE. <i>Acta Horticulturae</i> , 2007, , 475-481.	0.2	3
52	Reduction of browning of minimally processed artichoke hearts treated by GRAS molecules. <i>Acta Horticulturae</i> , 2016, , 237-242.	0.2	3
53	Characterization of a MADS Flowering Locus C "like" (MFL) in <i>Cynara cardunculus</i> var. <i>altilis</i> under different sowing and planting density. <i>Acta Horticulturae</i> , 2016, , 301-308.	0.2	3
54	DEVELOPMENT OF MODIFIED ATMOSPHERE PACKAGES ON THE QUALITY OF SICILIAN KALE (BRASSICA) Tj ETQq0 0,0 rgBT /Qverlock 10	0.2	3

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	CHEMICAL CHARACTERIZATION OF <i>CYNARA CARDUNCULUS</i> VAR. <i>ALNILIS</i> BIOMASS WITH LOW ASHES CONTENT TO OBTAIN SOLID BIOFUEL. <i>Acta Horticulturae</i> , 2013, , 123-128.	0.2	2
58	INFLUENCE OF DIFFERENT SUBSTRATES ON IN VITRO INITIATION OF SOME EARLY AND LATE CULTIVARS OF GLOBE ARTICHOKE [<i>CYNARA CARDUNCULUS</i> L. SUBSP. <i>SCOLYMUS</i> (L.) HAYEK]. <i>Acta Horticulturae</i> , 2007, , 107-112.	0.2	1
59	EVALUATION OF FATTY ACIDS COMPOSITION IN GRAIN OIL OF CARDOON (<i>CYNARA CARDUNCULUS</i> L.). <i>Acta Horticulturae</i> , 2012, , 463-468.	0.2	1
60	CHEMICAL CHARACTERIZATION OF THE ACHENES IN <i>CYNARA CARDUNCULUS</i> L. VAR. <i>ALNILIS</i> TO RECOVER OIL AND BIOCOMPOUNDS. <i>Acta Horticulturae</i> , 2013, , 103-107.	0.2	1
61	HEADS PRODUCTION IN FOUR GENOTYPES OF GLOBE ARTICHOKE PROPAGATED WITH DIFFERENT METHODS. <i>Acta Horticulturae</i> , 2013, , 355-361.	0.2	1
62	Preservation of vitamins content in CuccÀ-a using an innovative method of processing. <i>Natural Product Research</i> , 2020, 34, 153-157.	1.8	1
63	PLANT ARCHITECTURE AND BIOMASS PARTITIONING VARIATION AS AFFECTED BY PLANT DENSITY IN <i>CYNARA CARDUNCULUS</i> L. VAR. <i>SYLVESTRIS</i> LAM.. <i>Acta Horticulturae</i> , 2007, , 149-156.	0.2	1
64	HEADS PRODUCTION IN <i>CYNARA CARDUNCULUS</i> L. SUBSP. <i>SCOLYMUS</i> (L.) HEGI AS AFFECTED BY PLANT DENSITY AND ARRANGEMENT. <i>Acta Horticulturae</i> , 2013, , 363-368.	0.2	0
65	Mapping of arid-cultural systems for biomass production with low energetic input in marginal areas. <i>Acta Horticulturae</i> , 2016, , 443-448.	0.2	0
66	Sensory properties of canned cardoon hearts in relation to genotype. <i>Acta Horticulturae</i> , 2020, , 195-200.	0.2	0