

# Ferdinando Branca

## List of Publications by Year in descending order

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77  
papers

1,071  
citations

471509

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501196

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docs citations

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1118  
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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	Plant-Microbe Interaction in Sustainable Agriculture: The Factors That May Influence the Efficacy of PGPM Application. <i>Sustainability</i> , 2022, 14, 2253.	3.2	23
3	Editorial: Improvement for Quality and Safety Traits in Horticultural Plants. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	0
4	Biodiversity Enhancement for Improving the Sustainability of Broccoli ( <i>Brassica oleracea</i> vr. <i>italica</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	0
5	Life Cycle Assessment to Highlight the Environmental Burdens of Early Potato Production. <i>Agronomy</i> , 2021, 11, 879.	3.0	14
6	Effect of Drought Stress on Capsaicin and Antioxidant Contents in Pepper Genotypes at Reproductive Stage. <i>Plants</i> , 2021, 10, 1286.	3.5	16
7	Using Simple Sequence Repeats in 9 Brassica Complex Species to Assess Hypertrophic Curd Induction. <i>Agriculture (Switzerland)</i> , 2021, 11, 622.	3.1	7
8	Enhancing the Quality of Two Species of Baby Leaves Sprayed with Moringa Leaf Extract as Biostimulant. <i>Agronomy</i> , 2021, 11, 1399.	3.0	20
9	Effects of Growing Cycle and Genotype on the Morphometric Properties and Glucosinolates Amount and Profile of Sprouts, Microgreens and Baby Leaves of Broccoli ( <i>Brassica oleracea</i> L. var. <i>italica</i> ) Tj ETQq1 1 0.784316 rgBT /Overlock	3.1	0
10	Unraveling Sorghum Allelopathy in Agriculture: Concepts and Implications. <i>Plants</i> , 2021, 10, 1795.	3.5	33
11	Evaluation of Italian and Spanish Accessions of <i>Brassica rapa</i> L.: Effect of Flowering Earliness on Fresh Yield and Biological Value. <i>Agronomy</i> , 2021, 11, 29.	3.0	7
12	Advances and Challenges for QTL Analysis and GWAS in the Plant-Breeding of High-Yielding: A Focus on Rapeseed. <i>Biomolecules</i> , 2021, 11, 1516.	4.0	19
13	Potassium-Induced Drought Tolerance of Potato by Improving Morpho-Physiological and Biochemical Attributes. <i>Agronomy</i> , 2021, 11, 2573.	3.0	16
14	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
15	Identification of Black Rot Resistance in a Wild Brassica Species and Its Potential Transferability to Cauliflower. <i>Agronomy</i> , 2020, 10, 1400.	3.0	4
16	Morphological Traits and Phenolic Compounds in Tunisian Wild Populations and Cultivated Varieties of <i>Portulaca oleracea</i> L.. <i>Agronomy</i> , 2020, 10, 948.	3.0	8
17	An Evaluation of Different Parameters to Screen Ornamental Shrubs for Salt Spray Tolerance. <i>Biology</i> , 2020, 9, 250.	2.8	9
18	Characterization of Lebanese Germplasm of Snake Melon ( <i>Cucumis melo</i> subsp. <i>melo</i> var. <i>flexuosus</i> ) Using Morphological Traits and SSR Markers. <i>Agronomy</i> , 2020, 10, 1293.	3.0	12

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19	Phytochemical Characterization and In Vitro Antioxidant Properties of Four Brassica Wild Species from Italy. <i>Molecules</i> , 2020, 25, 3495.	3.8	17
20	Morphometric Characteristics, Polyphenols and Ascorbic Acid Variation in <i>Brassica oleracea</i> L. Novel Foods: Sprouts, Microgreens and Baby Leaves. <i>Agronomy</i> , 2020, 10, 782.	3.0	34
21	Neglected Sicilian landraces of black broccoli ( <i>Brassica oleracea</i> var. <i>italica</i> Plenck) and health benefits: an in vivo study. <i>Acta Horticulturae</i> , 2020, , 91-96.	0.2	4
22	Exploiting Sicilian <i>Brassica oleracea</i> L. complex species for the innovation of the agricultural systems and products: a review analysis. <i>Acta Horticulturae</i> , 2020, , 187-196.	0.2	3
23	Sensory properties of canned cardoon hearts in relation to genotype. <i>Acta Horticulturae</i> , 2020, , 195-200.	0.2	0
24	Shelf life and sensory properties of processed cardoon hearts. <i>Acta Horticulturae</i> , 2020, , 201-204.	0.2	0
25	Effects of microorganisms on the growth and the development of tomato crops. <i>Acta Horticulturae</i> , 2020, , 105-110.	0.2	0
26	<i>Brassica oleracea</i> complex species in Sicily: diversity, uses and conservation strategies. <i>Acta Horticulturae</i> , 2020, , 61-68.	0.2	4
27	An insight from tolerance to salinity stress in halophyte <i>Portulaca oleracea</i> L.: Physio-morphological, biochemical and molecular responses. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 45-52.	6.0	28
28	Construction of a high-density genetic map and identification of loci controlling purple sepal trait of flower head in <i>Brassica oleracea</i> L. <i>italica</i> . <i>BMC Plant Biology</i> , 2019, 19, 228.	3.6	11
29	Construction of a High-Density Genetic Map and Identification of Loci Related to Hollow Stem Trait in Broccoli ( <i>Brassica oleracea</i> L. <i>italica</i> ). <i>Frontiers in Plant Science</i> , 2019, 10, 45.	3.6	16
30	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
31	Multilocus sequence typing analysis of Italian <i>Xanthomonas campestris</i> pv. <i>campestris</i> strains suggests the evolution of local endemic populations of the pathogen and does not correlate with race distribution. <i>Plant Pathology</i> , 2019, 68, 278-287.	2.4	14
32	Integrated analysis for identifying <i>Portulaca oleracea</i> and its sub-species based on chloroplastic and nuclear DNA barcoding. <i>Plant Biosystems</i> , 2019, 153, 25-31.	1.6	2
33	Polyphenol profile and antioxidant capacity of a traditional Sicilian landrace of the Egyptian Walking Onion ( <i>Allium cepa</i> L. var. <i>viviparum</i> ). <i>Acta Horticulturae</i> , 2019, , 173-180.	0.2	2
34	Diversity of Sicilian broccoli ( <i>Brassica oleracea</i> var. <i>italica</i> ) and cauliflower ( <i>Brassica oleracea</i> var. <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 I Resources and Crop Evolution</i> , 2018, 65, 485-502.	1.6	44
35	New food supply chain systems based on a proximity model: the case of an alternative food network in the Catania urban area. <i>Acta Horticulturae</i> , 2018, , 213-218.	0.2	7
36	Evaluation of a sicilian black broccoli extract on in vitro cell models. <i>Acta Horticulturae</i> , 2018, , 135-142.	0.2	5

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37	Bio-morphological characterization of Mediterranean wild and cultivated Brassica species. Acta Horticulturae, 2018, , 9-16.	0.2	2
38	Phytochemical content of the wild and cultivated Brassica (n=9) collection of the ECPGR "COCHEVA BRAS" project. Acta Horticulturae, 2018, , 33-38.	0.2	2
39	Effect of different concentrations of saffron corm and leaf residue on the early growth of arugula, chickpea and fenugreek under greenhouse conditions. Acta Agriculturae Slovenica, 2018, 111, 51.	0.3	4
40	The effect of the germination temperature on the phytochemical content of broccoli and rocket sprouts. International Journal of Food Sciences and Nutrition, 2017, 68, 411-420.	2.8	19
41	Assessing environmental impacts of constructed wetland effluents for vegetable crop irrigation. International Journal of Phytoremediation, 2016, 18, 626-633.	3.1	14
42	<i>Isatis canescens</i> is a rich source of glucobrassicin and other health-promoting compounds. Journal of the Science of Food and Agriculture, 2015, 95, 158-164.	3.5	14
43	Genetic diversity and population structure of leafy kale and <i>Brassica rupestris</i> Raf. in south Italy. Hereditas, 2014, 151, 145-158.	1.4	19
44	Diversity characterisation of broccoli ( <i>Brassica oleracea</i> L. var. <i>italica</i> Plenck) landraces for their on-farm (in situ) safeguard and use in breeding programs. Genetic Resources and Crop Evolution, 2014, 61, 451-464.	1.6	30
45	BRASSICAS AND THEIR GLUCOSINOLATE CONTENT FOR THE BIOLOGICAL CONTROL OF ROOT-KNOT NEMATODES IN PROTECTED CULTIVATION. Acta Horticulturae, 2013, , 539-544.	0.2	4
46	MORPHOLOGICAL CHARACTERIZATION OF THE ECPGR WILD BRASSICA SPECIES COLLECTION. Acta Horticulturae, 2013, , 157-163.	0.2	4
47	DIVERSITY OF KALE GROWING IN EUROPE AS A BASIS FOR CROP IMPROVEMENT. Acta Horticulturae, 2013, , 141-147.	0.2	6
48	CHANGE IN THE EXPRESSION OF ANTHOCYANIN PATHWAY GENES IN DEVELOPING INFLORESCENCES OF SICILIAN LANDRACES OF PIGMENTED BROCCOLI AND CAULIFLOWER. Acta Horticulturae, 2013, , 253-260.	0.2	3
49	PHYTOCHEMICAL PROFILE OF KOHLRABI ( <i>BRASSICA OLERACEA</i> L. VAR. <i>GONGYLODES</i> ) CULTIVATED IN ITALY. Acta Horticulturae, 2013, , 285-292.	0.2	2
50	SIGNS OF INTER-CROSSING BETWEEN LEAFY KALE LANDRACES AND <i>BRASSICA RUPESTRIS</i> IN SOUTHERN ITALY. Acta Horticulturae, 2013, , 165-172.	0.2	5
51	EVALUATION OF SICILIAN WILD BRASSICA SPECIES (N=9) FOR GLUCOSINOLATE PROFILE AND ANTIOXIDANT COMPOUNDS. Acta Horticulturae, 2013, , 181-188.	0.2	6
52	GENETIC RELATIONSHIPS OF BRASSICA VEGETABLES AND WILD RELATIVES IN SOUTHERN ITALY DETERMINED BY FIVE SSR. Acta Horticulturae, 2013, , 189-196.	0.2	8
53	WOAD ( <i>ISATIS TINCTORIA</i> L.): AN INNOVATIVE CROP FOR THE MEDITERRANEAN AGRO-INDUSTRIAL SYSTEM. Acta Horticulturae, 2013, , 355-358.	0.2	1
54	NATURAL INDIGO FROM <i>ISATIS TINCTORIA</i> L. FOR THE REASSESSMENT OF SICILIAN CROPS - A MINIREVIEW. Acta Horticulturae, 2013, , 341-347.	0.2	0

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55	CHARACTERISTICS AND SEED PRODUCTION OF ITALIAN AND IBERIAN TYPE OF KALE (BRASSICA OLERACEA) Tj ETQq1 1 0.784314 rgBT / Over	0.2	5
56	GLUCOSINOLATE PROFILE IN DIFFERENT MEDITERRANEAN BRASSICA SPECIES (N=9). Acta Horticulturae, 2013, , 279-284.	0.2	5
57	THE GLUCOSINOLATES AND VARIATION OF ANTIOXIDANT COMPOUNDS IN SEEDS AND SPROUTS OF BROCCOLI (BRASSICA OLERACEA L. VAR. ITALIC) AND ROCKET (ERUCA SATIVA L.) IN RELATION TO TEMPERATURE AND GERMINATIVE STAGE. Acta Horticulturae, 2013, , 271-277.	0.2	6
58	CHARACTERISTICS AND SEED PRODUCTION OF SICILIAN LANDRACES OF VIOLET CAULIFLOWER. Acta Horticulturae, 2013, , 519-524.	0.2	1
59	SURVEY OF HEALTH-PROMOTING COMPOUNDS IN SEEDS AND SPROUTS OF BRASSICACEAE. Acta Horticulturae, 2013, , 323-330.	0.2	3
60	SEED PRODUCTION AND PLANT CHARACTERIZATION OF SICILIAN LANDRACES OF BROCCOLI. Acta Horticulturae, 2013, , 525-530.	0.2	1
61	Assessing genetic reserves in Sicily (Italy): the <i>Brassica</i> wild relatives case study.. , 2012, , 52-58.		6
62	Study and Characterization of Polyphenol Oxidase from Eggplant ( <i>Solanum melongena</i> L.). Journal of Agricultural and Food Chemistry, 2011, 59, 11244-11248.	5.2	26
63	The World Saffron and Crocus collection: strategies for establishment, management, characterisation and utilisation. Genetic Resources and Crop Evolution, 2011, 58, 125-137.	1.6	44
64	Brassica. , 2011, , 17-36.		30
65	MORE EFFICIENT CONSERVATION AND USE OF VEGETABLE GENETIC RESOURCES IN EUROPE: ECPGR ACHIEVEMENTS AND PERSPECTIVES. Acta Horticulturae, 2011, , 405-417.	0.2	2
66	RE-EVALUATION OF SAFFRON FLORAL WASTES: ANALYSIS OF SAFFRON FLOWERS DEFATTED HYDRO-ALCOHOLIC EXTRACTS. Acta Horticulturae, 2010, , 251-260.	0.2	7
67	EVALUATION OF SAFFRON PLURIANNUAL GROWING CYCLE IN CENTRAL SICILY. Acta Horticulturae, 2010, , 153-158.	0.2	10
68	Origin and Domestication of Cole Crops ( <i>Brassica oleracea</i> L.): Linguistic and Literary Considerations1. Economic Botany, 2010, 64, 109-123.	1.7	44
69	NEW TRENDS IN MEDITERRANEAN URBAN VEGETABLE GARDENING. Acta Horticulturae, 2010, , 131-136.	0.2	8
70	Pectin methylesterase, polyphenol oxidase and physicochemical properties of typical longâ€storage cherry tomatoes cultivated under water stress regime. Journal of the Science of Food and Agriculture, 2008, 88, 389-396.	3.5	24
71	Anthocyanin composition of cauliflower ( <i>Brassica oleracea</i> L. var. botrytis) and cabbage ( <i>B. oleracea</i> ) Tj ETQq1 1 0.784314 rgBT / Over	8.2	148
72	Cauliflower and Broccoli. , 2008, , 151-186.		12

#	ARTICLE	IF	CITATIONS
73	Integrating wild plants and landrace conservation in farming systems: a perspective from Italy.. , 2007, , 394-404.		1

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