

# 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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times ranked

1118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthocyanin composition of cauliflower ( <i>Brassica oleracea</i> L. var. botrytis) and cabbage ( <i>B. oleracea</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 148	8.2	148
2	Characterization of a Tomato Polyphenol Oxidase and Its Role in Browning and Lycopene Content. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 2032-2038.	5.2	57
3	Survey of aliphatic glucosinolates in Sicilian wild and cultivated Brassicaceae. <i>Phytochemistry</i> , 2002, 59, 717-724.	2.9	54
4	Origin and Domestication of Cole Crops ( <i>Brassica oleracea</i> L.): Linguistic and Literary Considerations. <i>Economic Botany</i> , 2010, 64, 109-123.	1.7	44
5	The World Saffron and Crocus collection: strategies for establishment, management, characterisation and utilisation. <i>Genetic Resources and Crop Evolution</i> , 2011, 58, 125-137.	1.6	44
6	Diversity of Sicilian broccoli ( <i>Brassica oleracea</i> var. italica) and cauliflower ( <i>Brassica oleracea</i> var.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Resources and Crop Evolution, 2018, 65, 485-502.	1.6	44
7	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
8	Unraveling Sorghum Allelopathy in Agriculture: Concepts and Implications. <i>Plants</i> , 2021, 10, 1795.	3.5	33
9	<i>Brassica</i> . , 2011, , 17-36.		30
10	Diversity characterisation of broccoli ( <i>Brassica oleracea</i> L. var. italica Plenck) landraces for their on-farm (in situ) safeguard and use in breeding programs. <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 451-464.	1.6	30
11	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
12	Study and Characterization of Polyphenol Oxidase from Eggplant ( <i>Solanum melongena</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 11244-11248.	5.2	26
13	Pectin methylesterase, polyphenol oxidase and physicochemical properties of typical long-storage cherry tomatoes cultivated under water stress regime. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 389-396.	3.5	24
14	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
15	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
16	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
17	Genetic diversity and population structure of leafy kale and <i>Brassica rupestris</i> Raf. in south Italy. <i>Hereditas</i> , 2014, 151, 145-158.	1.4	19
18	The effect of the germination temperature on the phytochemical content of broccoli and rocket sprouts. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 411-420.	2.8	19

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19	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
20	Phytochemical Characterization and In Vitro Antioxidant Properties of Four Brassica Wild Species from Italy. <i>Molecules</i> , 2020, 25, 3495.	3.8	17
21	Construction of a High-Density Genetic Map and Identification of Loci Related to Hollow Stem Trait in Broccoli ( <i>Brassic oleracea</i> L. <i>italica</i> ). <i>Frontiers in Plant Science</i> , 2019, 10, 45.	3.6	16
22	Effect of Drought Stress on Capsaicin and Antioxidant Contents in Pepper Genotypes at Reproductive Stage. <i>Plants</i> , 2021, 10, 1286.	3.5	16
23	Potassium-Induced Drought Tolerance of Potato by Improving Morpho-Physiological and Biochemical Attributes. <i>Agronomy</i> , 2021, 11, 2573.	3.0	16
24	<i>Isatis canescens</i> is a rich source of glucobrassicin and other health-promoting compounds. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 158-164.	3.5	14
25	Assessing environmental impacts of constructed wetland effluents for vegetable crop irrigation. <i>International Journal of Phytoremediation</i> , 2016, 18, 626-633.	3.1	14
26	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
27	Life Cycle Assessment to Highlight the Environmental Burdens of Early Potato Production. <i>Agronomy</i> , 2021, 11, 879.	3.0	14
28	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> )	3.0	14
29	Cauliflower and Broccoli. , 2008, , 151-186.		12
30	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
31	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
32	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
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37	GENETIC RELATIONSHIPS OF BRASSICA VEGETABLES AND WILD RELATIVES IN SOUTHERN ITALY DETERMINED BY FIVE SSR. Acta Horticulturae, 2013, , 189-196.	0.2	8
38	Morphological Traits and Phenolic Compounds in Tunisian Wild Populations and Cultivated Varieties of <i>Portulaca oleracea</i> L.. Agronomy, 2020, 10, 948.	3.0	8
39	RE-EVALUATION OF SAFFRON FLORAL WASTES: ANALYSIS OF SAFFRON FLOWERS DEFATTED HYDRO-ALCOHOLIC EXTRACTS. Acta Horticulturae, 2010, , 251-260.	0.2	7
40	New food supply chain systems based on a proximity model: the case of an alternative food network in the Catania urban area. Acta Horticulturae, 2018, , 213-218.	0.2	7
41	Using Simple Sequence Repeats in 9 Brassica Complex Species to Assess Hypertrophic Curd Induction. Agriculture (Switzerland), 2021, 11, 622.	3.1	7
42	Evaluation of Italian and Spanish Accessions of <i>Brassica rapa</i> L.: Effect of Flowering Earliness on Fresh Yield and Biological Value. Agronomy, 2021, 11, 29.	3.0	7
43	DIVERSITY OF KALE GROWING IN EUROPE AS A BASIS FOR CROP IMPROVEMENT. Acta Horticulturae, 2013, , 141-147.	0.2	6
44	EVALUATION OF SICILIAN WILD BRASSICA SPECIES (N=9) FOR GLUCOSINOLATE PROFILE AND ANTIOXIDANT COMPOUNDS. Acta Horticulturae, 2013, , 181-188.	0.2	6
45	THE GLUCOSINOLATES AND VARIATION OF ANTIOXIDANT COMPOUNDS IN SEEDS AND SPROUTS OF BROCCOLI ( <i>BRASSICA OLERACEA</i> L. VAR. <i>ITALIC</i> ) AND ROCKET ( <i>ERUCA SATIVA</i> L.) IN RELATION TO TEMPERATURE AND GERMINATIVE STAGE. Acta Horticulturae, 2013, , 271-277.	0.2	6
46	Assessing genetic reserves in Sicily (Italy): the <i>Brassica</i> wild relatives case study.. , 2012, , 52-58.		6
47	SIGNS OF INTER-CROSSING BETWEEN LEAFY KALE LANDRACES AND <i>BRASSICA RUPESTRIS</i> IN SOUTHERN ITALY. Acta Horticulturae, 2013, , 165-172.	0.2	5
48	GLUCOSINOLATE PROFILE IN DIFFERENT MEDITERRANEAN BRASSICA SPECIES (N=9). Acta Horticulturae, 2013, , 279-284.	0.2	5
49	Evaluation of a sicilian black broccoli extract on in vitro cell models. Acta Horticulturae, 2018, , 135-142.	0.2	5
50	BRASSICAS AND THEIR GLUCOSINOLATE CONTENT FOR THE BIOLOGICAL CONTROL OF ROOT-KNOT NEMATODES IN PROTECTED CULTIVATION. Acta Horticulturae, 2013, , 539-544.	0.2	4
51	MORPHOLOGICAL CHARACTERIZATION OF THE ECPGR WILD BRASSICA SPECIES COLLECTION. Acta Horticulturae, 2013, , 157-163.	0.2	4
52	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
53	Identification of Black Rot Resistance in a Wild Brassica Species and Its Potential Transferability to Cauliflower. Agronomy, 2020, 10, 1400.	3.0	4
54	Neglected Sicilian landraces of black broccoli ( <i>Brassica oleracea</i> var. <i>italica</i> Plenck) and health benefits: an in vivo study. Acta Horticulturae, 2020, , 91-96.	0.2	4

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55	<i>Brassica oleracea</i> complex species in Sicily: diversity, uses and conservation strategies. Acta Horticulturae, 2020, , 61-68.	0.2	4
56	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
57	Exploiting Sicilian Brassica oleracea L. complex species for the innovation of the agricultural systems and products: a review analysis. Acta Horticulturae, 2020, , 187-196.	0.2	3
58	SURVEY OF HEALTH-PROMOTING COMPOUNDS IN SEEDS AND SPROUTS OF BRASSICACEAE. Acta Horticulturae, 2013, , 323-330.	0.2	3
59	The Physiological Role of Inulin in Wild Cardoon ( <i>Cynara cardunculus</i> L. var. <i>sylvestris</i> Lam.). Agronomy, 2022, 12, 290.	3.0	3
60	PHYTOCHEMICAL PROFILE OF KOHLRABI ( <i>BRASSICA OLERACEA</i> L. VAR. <i>GONGYLODES</i> ) CULTIVATED IN ITALY. Acta Horticulturae, 2013, , 285-292.	0.2	2
61	Bio-morphological characterization of Mediterranean wild and cultivated Brassica species. Acta Horticulturae, 2018, , 9-16.	0.2	2
62	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
63	Integrated analysis for identifying <i>Portulaca oleracea</i> and its sub-species based on chloroplastic and nuclear DNA barcoding. Plant Biosystems, 2019, 153, 25-31.	1.6	2
64	MORE EFFICIENT CONSERVATION AND USE OF VEGETABLE GENETIC RESOURCES IN EUROPE: ECPGR ACHIEVEMENTS AND PERSPECTIVES. Acta Horticulturae, 2011, , 405-417.	0.2	2
65	Polyphenol profile and antioxidant capacity of a traditional Sicilian landrace of the Egyptian Walking Onion ( <i>Allium cepa</i> L. var. <i>viviparum</i> ). Acta Horticulturae, 2019, , 173-180.	0.2	2
66	WOAD ( <i>ISATIS TINCTORIA</i> L.): AN INNOVATIVE CROP FOR THE MEDITERRANEAN AGRO-INDUSTRIAL SYSTEM. Acta Horticulturae, 2013, , 355-358.	0.2	1
67	Integrating wild plants and landrace conservation in farming systems: a perspective from Italy.. , 2007, , 394-404.		1
68	CHARACTERISTICS AND SEED PRODUCTION OF SICILIAN LANDRACES OF VIOLET CAULIFLOWER. Acta Horticulturae, 2013, , 519-524.	0.2	1
69	SEED PRODUCTION AND PLANT CHARACTERIZATION OF SICILIAN LANDRACES OF BROCCOLI. Acta Horticulturae, 2013, , 525-530.	0.2	1
70	Effects of organic fertilisers and mother corm weight on yield, apocarotenoid concentration and accumulation of metal contaminants in saffron ( <i>Crocus sativus</i> L.). Biological Agriculture and Horticulture, 0, , 1-21.	1.0	1
71	NATURAL INDIGO FROM <i>ISATIS TINCTORIA</i> L. FOR THE REASSESSMENT OF SICILIAN CROPS - A MINIREVIEW. Acta Horticulturae, 2013, , 341-347.	0.2	0
72	CHARACTERISTICS AND SEED PRODUCTION OF ITALIAN AND IBERIAN TYPE OF KALE ( <i>BRASSICA OLERACEA</i> )	0.2	0

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73	Sensory properties of canned cardoon hearts in relation to genotype. Acta Horticulturae, 2020, , 195-200.	0.2	0
74	Shelf life and sensory properties of processed cardoon hearts. Acta Horticulturae, 2020, , 201-204.	0.2	0
75	Effects of microorganisms on the growth and the development of tomato crops. Acta Horticulturae, 2020, , 105-110.	0.2	0
76	Editorial: Improvement for Quality and Safety Traits in Horticultural Plants. Frontiers in Plant Science, 2022, 13, .	3.6	0
77	Biodiversity Enhancement for Improving the Sustainability of Broccoli ( <i>Brassica oleracea</i> vr. <i>italica</i> ) Tj ETQq1 1 0.784314 rgBT_0/Overlook	3.2	0