

Giuseppe Mandolino

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,100
citations

236925

25
h-index

315739

38
g-index

41
all docs

41
docs citations

41
times ranked

1763
citing authors

#	ARTICLE	IF	CITATIONS
1	The Inheritance of Chemical Phenotype in <i>Cannabis sativa</i> L.. Genetics, 2003, 163, 335-346.	2.9	300
2	Phytochemical and genetic analyses of ancient cannabis from Central Asia. Journal of Experimental Botany, 2008, 59, 4171-4182.	4.8	181
3	Identification of DNA markers linked to the male sex in dioecious hemp (<i>Cannabis sativa</i> L.). Theoretical and Applied Genetics, 1999, 98, 86-92.	3.6	131
4	Time course of cannabinoid accumulation and chemotype development during the growth of <i>Cannabis sativa</i> L. Euphytica, 2008, 160, 231-240.	1.2	126
5	Sequence heterogeneity of cannabidiolic- and tetrahydrocannabinolic acid-synthase in <i>Cannabis sativa</i> L. and its relationship with chemical phenotype. Phytochemistry, 2015, 116, 57-68.	2.9	122
6	Root morphological and molecular responses induced by microalgae extracts in sugar beet (<i>Beta</i>) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50	2.8	103
7	Potential of marker-assisted selection in hemp genetic improvement. Euphytica, 2004, 140, 107-120.	1.2	94
8	Genetics and Marker-assisted Selection of the Chemotype in <i>Cannabis sativa</i> L.. Molecular Breeding, 2006, 17, 257-268.	2.1	86
9	Genetic diversity of <i>Cannabis sativa</i> germplasm based on RAPD markers. Plant Breeding, 1996, 115, 367-370.	1.9	83
10	The sexual differentiation of <i>Cannabis sativa</i> L.: A morphological and molecular study. Euphytica, 2004, 140, 95-106.	1.2	69
11	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
12	Cannabinoids: New Promising Agents in the Treatment of Neurological Diseases. Molecules, 2014, 19, 18781-18816.	3.8	62
13	Microtuber and minituber production and field performance compared with normal tubers. Potato Research, 1994, 37, 383-391.	2.7	57
14	Genetic transformation and regeneration of transgenic plants in grapevine (<i>Vitis rupestris</i> S.). Theoretical and Applied Genetics, 1994, 88, 621-628.	3.6	50
15	Molecular and biochemical characterization of a potato collection with contrasting tuber carotenoid content. PLoS ONE, 2017, 12, e0184143.	2.5	47
16	Qualitative and Quantitative Aspects of the Inheritance of Chemical Phenotype in <i>Cannabis</i> . Journal of Industrial Hemp: Production, Processing and Products, 2003, 8, 51-72.	0.1	44
17	Comparison of Hemp Varieties Using Random Amplified Polymorphic DNA Markers. Crop Science, 2001, 41, 1682-1689.	1.8	43
18	Localized coupling in oxidative phosphorylation by mitochondria from Jerusalem artichoke (<i>Helianthus tuberosus</i>). Biochimica Et Biophysica Acta - Bioenergetics, 1983, 723, 428-439.	1.0	42

#	ARTICLE	IF	CITATIONS
19	Nutritional value of potato (<i>Solanum tuberosum</i>) in hot climates: anthocyanins, carotenoids, and steroidal glycoalkaloids. <i>Planta</i> , 2019, 249, 1143-1155.	3.2	40
20	Sources of resistance to diseases of sugar beet in related Beta germplasm: II. Soil-borne diseases. <i>Euphytica</i> , 2005, 141, 49-63.	1.2	34
21	Oxidation of External NAD(P)H by Mitochondria from Taproots and Tissue Cultures of Sugar Beet (<i>Beta vulgaris</i>). <i>Plant Physiology</i> , 1993, 102, 579-585.	4.8	33
22	Early transcriptional changes in <i>Beta vulgaris</i> in response to low temperature. <i>Planta</i> , 2015, 242, 187-201.	3.2	31
23	NMR-Based Metabolomics for Organic Farming Traceability of Early Potatoes. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 11201-11211.	5.2	30
24	Innovative Approaches to Evaluate Sugar Beet Responses to Changes in Sulfate Availability. <i>Frontiers in Plant Science</i> , 2018, 9, 14.	3.6	29
25	Genomic prediction for yields, processing and nutritional quality traits in cultivated potato (<i>Solanum tuberosum</i> L.). <i>Plant Breeding</i> , 2017, 136, 245-252.	1.9	28
26	Occurrence and frequency of putatively Y chromosome linked DNA markers in <i>Cannabis sativa</i> L.. <i>Euphytica</i> , 2002, 126, 211-218.	1.2	24
27	The Applications of Molecular Markers in Genetics and Breeding of Hemp. <i>Journal of Industrial Hemp: Production, Processing and Products</i> , 2002, 7, 7-23.	0.1	22
28	Influence of Organic Farming on the Potato Transcriptome. <i>Sustainability</i> , 2017, 9, 779.	3.2	18
29	Analysis of Sequence Variability and Transcriptional Profile of Cannabinoid synthase Genes in <i>Cannabis sativa</i> L. Chemotypes with a Focus on Cannabichromenic acid synthase. <i>Plants</i> , 2021, 10, 1857.	3.5	15
30	Water Stress in <i>Beta vulgaris</i> : Osmotic Adjustment Response and Gene Expression Analysis in ssp. <i>vulgaris</i> and <i>maritima</i> . <i>American Journal of Plant Sciences</i> , 2013, 04, 11-16.	0.8	15
31	Caffeic Acid and \pm -Chaconine Influence the Resistance of Potato Tuber to <i>Phthorimaea operculella</i> (Lepidoptera: Gelechiidae). <i>American Journal of Potato Research</i> , 2019, 96, 403-413.	0.9	14
32	Stability of fingerprints of <i>Solanum tuberosum</i> plants derived from conventional tubers and vitrotubers. <i>Plant Breeding</i> , 1996, 115, 439-444.	1.9	12
33	Again on the Nature of Inheritance of Chemotype. <i>Journal of Industrial Hemp: Production, Processing and Products</i> , 2004, 9, 5-7.	0.1	12
34	Does Plant Breeding for Antioxidant-Rich Foods Have an Impact on Human Health?. <i>Antioxidants</i> , 2022, 11, 794.	5.1	10
35	Effects of γ -ray treatment on <i>Cannabis sativa</i> pollen viability. <i>Plant Cell, Tissue and Organ Culture</i> , 1997, 47, 189-194.	2.3	9
36	Improving production and health of seed potato stocks in Italy. <i>Potato Research</i> , 1990, 33, 377-387.	2.7	7

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37	Genomics and Molecular Markers in Cannabis sativa L. , 2017, , 319-342.		7
38	Relationships Between Internal Brown Spot and Skin Roughness in Potato Tubers Under Field Conditions. Potato Research, 2018, 61, 327-339.	2.7	3
39	Cold-modulated expression of genes encoding for key enzymes of the sugar metabolism in spring and autumn cvs. of <i>Beta vulgaris</i> L. Plant Genetic Resources: Characterisation and Utilisation, 2011, 9, 268-271.	0.8	2
40	Marker assisted selection and genomics of industrial plants. , 2007, , 59-82.		1