

Jaime Prohens Tomàs

List of Publications by Year in descending order

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255
papers

7,847
citations

41344

49
h-index

85541

71
g-index

261
all docs

261
docs citations

261
times ranked

6104
citing authors

#	ARTICLE	IF	CITATIONS
1	Breeding and Domesticating Crops Adapted to Drought and Salinity: A New Paradigm for Increasing Food Production. <i>Frontiers in Plant Science</i> , 2015, 6, 978.	3.6	263
2	Application of Genomic Tools in Plant Breeding. <i>Current Genomics</i> , 2012, 13, 179-195.	1.6	236
3	Introgressomics: a new approach for using crop wild relatives in breeding for adaptation to climate change. <i>Euphytica</i> , 2017, 213, 1.	1.2	154
4	Responses to salt stress in the halophyte <i>Plantago crassifolia</i> (Plantaginaceae). <i>Journal of Arid Environments</i> , 2004, 58, 463-481.	2.4	138
5	Wild Relatives of the Eggplant (<i>Solanum melongena</i> L.: Solanaceae): New Understanding of Species Names in a Complex Group. <i>PLoS ONE</i> , 2013, 8, e57039.	2.5	134
6	Toward an Evolved Concept of Landrace. <i>Frontiers in Plant Science</i> , 2017, 08, 145.	3.6	132
7	Eggplant relatives as sources of variation for developing new rootstocks: Effects of grafting on eggplant yield and fruit apparent quality and composition. <i>Scientia Horticulturae</i> , 2011, 128, 14-22.	3.6	126
8	Comparison of eggplant landraces and commercial varieties for fruit content of phenolics, minerals, dry matter and protein. <i>Journal of Food Composition and Analysis</i> , 2008, 21, 370-376.	3.9	109
9	Total Phenolic Concentration and Browning Susceptibility in a Collection of Different Varietal Types and Hybrids of Eggplant: Implications for Breeding for Higher Nutritional Quality and Reduced Browning. <i>Journal of the American Society for Horticultural Science</i> , 2007, 132, 638-646.	1.0	108
10	World Vegetable Center Eggplant Collection: Origin, Composition, Seed Dissemination and Utilization in Breeding. <i>Frontiers in Plant Science</i> , 2017, 8, 1484.	3.6	106
11	Effects of salinity and drought on growth, ionic relations, compatible solutes and activation of antioxidant systems in oleander (<i>Nerium oleander</i> L.). <i>PLoS ONE</i> , 2017, 12, e0185017.	2.5	103
12	Genetic diversity in morphological characters and phenolic acids content resulting from an interspecific cross between eggplant, <i>Solanum melongena</i> , and its wild ancestor (<i>S. ãncanum</i>). <i>Annals of Applied Biology</i> , 2013, 162, 242-257.	2.5	95
13	Effects of Salt and Water Stress on Plant Growth and on Accumulation of Osmolytes and Antioxidant Compounds in Cherry Tomato. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, 1-11.	1.1	95
14	Diversity for chemical composition in a collection of different varietal types of tree tomato (<i>Solanum betaceum</i> Cav.), an Andean exotic fruit. <i>Food Chemistry</i> , 2015, 169, 327-335.	8.2	94
15	Location of chlorogenic acid biosynthesis pathway and polyphenol oxidase genes in a new interspecific anchored linkage map of eggplant. <i>BMC Plant Biology</i> , 2014, 14, 350.	3.6	93
16	±-Solasonine and ±-Solamargine Contents of Gboma (<i>Solanum macrocarpon</i> L.) and Scarlet (<i>Solanum</i>) Tj ETQq0 0,0,rgBT /Overlock 10	5.2	92
17	Are soluble carbohydrates ecologically relevant for salt tolerance in halophytes?. <i>Functional Plant Biology</i> , 2013, 40, 805.	2.1	92
18	Breeding for Chlorogenic Acid Content in Eggplant: Interest and Prospects. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2013, 41, 26.	1.1	92

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19	Interspecific Hybridization between Eggplant and Wild Relatives from Different Gene Pools. <i>Journal of the American Society for Horticultural Science</i> , 2016, 141, 34-44.	1.0	89
20	Breeding Vegetables with Increased Content in Bioactive Phenolic Acids. <i>Molecules</i> , 2015, 20, 18464-18481.	3.8	88
21	Effects of Organic and Conventional Cultivation Methods on Composition of Eggplant Fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6833-6840.	5.2	82
22	Crop wild relatives of the brinjal eggplant (<i>Solanum melongena</i>): Poorly represented in genebanks and many species at risk of extinction. <i>American Journal of Botany</i> , 2016, 103, 635-651.	1.7	78
23	Antioxidant responses under salinity and drought in three closely related wild monocots with different ecological optima. <i>AoB PLANTS</i> , 2017, 9, plx009.	2.3	78
24	Diversity and Relationships in Key Traits for Functional and Apparent Quality in a Collection of Eggplant: Fruit Phenolics Content, Antioxidant Activity, Polyphenol Oxidase Activity, and Browning. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8871-8879.	5.2	77
25	Characterization of composition traits related to organoleptic and functional quality for the differentiation, selection and enhancement of local varieties of tomato from different cultivar groups. <i>Food Chemistry</i> , 2015, 187, 517-524.	8.2	76
26	Morphological and Molecular Variation in a Collection of Eggplants from a Secondary Center of Diversity: Implications for Conservation and Breeding. <i>Journal of the American Society for Horticultural Science</i> , 2005, 130, 54-63.	1.0	72
27	Single Primer Enrichment Technology (SPET) for High-Throughput Genotyping in Tomato and Eggplant Germplasm. <i>Frontiers in Plant Science</i> , 2019, 10, 1005.	3.6	71
28	<i>Solanum perlongistylum</i> and <i>S. catilliflorum</i> , New Endemic Peruvian Species of <i>Solanum</i> , Section <i>Basarthrum</i> , Are Close Relatives of the Domesticated Pepino, <i>S. muricatum</i> . <i>Novon</i> , 2006, 16, 161-167.	0.3	70
29	Reducing Capacity, Chlorogenic Acid Content and Biological Activity in a Collection of Scarlet (<i>Solanum aethiopicum</i>) and Gboma (<i>S. macrocarpon</i>) Eggplants. <i>International Journal of Molecular Sciences</i> , 2014, 15, 17221-17241.	4.1	68
30	Responses of five Mediterranean halophytes to seasonal changes in environmental conditions. <i>AoB PLANTS</i> , 2014, 6, plu049-plu049.	2.3	68
31	Environmentally induced changes in antioxidant phenolic compounds levels in wild plants. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	68
32	Diversity in commercial varieties and landraces of black eggplants and implications for broadening the breeders' gene pool. <i>Annals of Applied Biology</i> , 2009, 154, 453-465.	2.5	66
33	Development and characterization of genomic simple sequence repeat markers in eggplant and their application to the study of diversity and relationships in a collection of different cultivar types and origins. <i>Molecular Breeding</i> , 2012, 30, 647-660.	2.1	66
34	Development of backcross generations and new interspecific hybrid combinations for introgression breeding in eggplant (<i>Solanum melongena</i>). <i>Scientia Horticulturae</i> , 2016, 213, 199-207.	3.6	66
35	Improving seed germination of the eggplant rootstock <i>Solanum torvum</i> by testing multiple factors using an orthogonal array design. <i>Scientia Horticulturae</i> , 2015, 193, 174-181.	3.6	65
36	Phenotyping of Eggplant Wild Relatives and Interspecific Hybrids with Conventional and Phenomics Descriptors Provides Insight for Their Potential Utilization in Breeding. <i>Frontiers in Plant Science</i> , 2016, 7, 677.	3.6	65

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37	Unraveling Salt Tolerance Mechanisms in Halophytes: A Comparative Study on Four Mediterranean Limonium Species with Different Geographic Distribution Patterns. <i>Frontiers in Plant Science</i> , 2017, 8, 1438.	3.6	65
38	Simultaneous CRISPR/Cas9 Editing of Three PPO Genes Reduces Fruit Flesh Browning in <i>Solanum melongena</i> L.. <i>Frontiers in Plant Science</i> , 2020, 11, 607161.	3.6	64
39	Characterization of interspecific hybrids and first backcross generations from crosses between two cultivated eggplants (<i>Solanum melongena</i> and <i>S. aethiopicum</i> Kumba group) and implications for eggplant breeding. <i>Euphytica</i> , 2012, 186, 517-538.	1.2	63
40	Transcriptome analysis and molecular marker discovery in <i>Solanum incanum</i> and <i>S. aethiopicum</i> , two close relatives of the common eggplant (<i>Solanum melongena</i>) with interest for breeding. <i>BMC Genomics</i> , 2016, 17, 300.	2.8	63
41	The Tamarillo (<i>Cyphomandra betacea</i>). <i>International Journal of Fruit Science</i> , 2001, 1, 43-68.	0.2	62
42	Genetic diversity, population structure, and relationships in a collection of pepper (<i>Capsicum</i> spp.) landraces from the Spanish centre of diversity revealed by genotyping-by-sequencing (GBS). <i>Horticulture Research</i> , 2019, 6, 54.	6.3	61
43	Coding SNPs analysis highlights genetic relationships and evolution pattern in eggplant complexes. <i>PLoS ONE</i> , 2017, 12, e0180774.	2.5	61
44	Conventional and phenomics characterization provides insight into the diversity and relationships of hypervariable scarlet (<i>Solanum aethiopicum</i> L.) and gboma (<i>S. macrocarpon</i> L.) eggplant complexes. <i>Frontiers in Plant Science</i> , 2014, 5, 318.	3.6	60
45	Phenolics content, fruit flesh colour and browning in cultivated eggplant, wild relatives and interspecific hybrids and implications for fruit quality breeding. <i>Food Research International</i> , 2017, 102, 392-401.	6.2	60
46	Effects of Salt Stress on Three Ecologically Distinct <i>Plantago</i> Species. <i>PLoS ONE</i> , 2016, 11, e0160236.	2.5	60
47	Diversity and Relationships of Eggplants from Three Geographically Distant Secondary Centers of Diversity. <i>PLoS ONE</i> , 2012, 7, e41748.	2.5	59
48	Relationships, origin, and diversity of Galápagos tomatoes: implications for the conservation of natural populations. <i>American Journal of Botany</i> , 2004, 91, 86-99.	1.7	58
49	Soluble Carbohydrates as Osmolytes in Several Halophytes from a Mediterranean Salt Marsh. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2011, 39, 09.	1.1	58
50	Development and Genetic Characterization of Advanced Backcross Materials and An Introgression Line Population of <i>Solanum incanum</i> in a <i>S. melongena</i> Background. <i>Frontiers in Plant Science</i> , 2017, 8, 1477.	3.6	57
51	The Use of Proline in Screening for Tolerance to Drought and Salinity in Common Bean (<i>Phaseolus</i>) Tj ETQq1 1 0.784314 rgBT/Overlock	3.0	57
52	Evaluation of androgenic competence through anther culture in common eggplant and related species. <i>Euphytica</i> , 2011, 182, 261.	1.2	56
53	Improved genome assembly and pan-genome provide key insights into eggplant domestication and breeding. <i>Plant Journal</i> , 2021, 107, 579-596.	5.7	56
54	Genetic structure of <i>Cannabis sativa</i> var. <i>indica</i> cultivars based on genomic SSR (gSSR) markers: Implications for breeding and germplasm management. <i>Industrial Crops and Products</i> , 2017, 104, 171-178.	5.2	55

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55	The pepino (<i>Solanum muricatum</i> , Solanaceae): A "New" crop with a history. <i>Economic Botany</i> , 1996, 50, 355-368.	1.7	51
56	Characterization, diversity, and relationships of the Spanish striped (Listada) eggplants: a model for the enhancement and protection of local heirlooms. <i>Euphytica</i> , 2008, 164, 405-419.	1.2	50
57	Influence of the stage for anther excision and heterostyly in embryogenesis induction from eggplant anther cultures. <i>Euphytica</i> , 2012, 184, 235-250.	1.2	49
58	Global range expansion history of pepper (<i>Capsicum</i> spp.) revealed by over 10,000 genebank accessions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	48
59	Proline as a biochemical marker in relation to the ecology of two halophytic <i>Juncus</i> species. <i>Journal of Plant Ecology</i> , 2013, 6, 177-186.	2.3	47
60	Whole-Genome Resequencing of Seven Eggplant (<i>Solanum melongena</i>) and One Wild Relative (<i>S.</i>) in <i>Plant Science</i> , 2019, 10, 1220.	3.6	46
61	Plant Breeding: A Success Story to be Continued Thanks to the Advances in Genomics. <i>Frontiers in Plant Science</i> , 2011, 2, 51.	3.6	45
62	Native-Invasive Plants vs. Halophytes in Mediterranean Salt Marshes: Stress Tolerance Mechanisms in Two Related Species. <i>Frontiers in Plant Science</i> , 2016, 7, 473.	3.6	45
63	Plant Genebanks: Present Situation and Proposals for Their Improvement. the Case of the Spanish Network. <i>Frontiers in Plant Science</i> , 2018, 9, 1794.	3.6	45
64	Salinity-Induced Variation in Biochemical Markers Provides Insight into the Mechanisms of Salt Tolerance in Common (<i>Phaseolus vulgaris</i>) and Runner (<i>P. coccineus</i>) Beans. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1582.	4.1	44
65	Comparison of transcriptome-derived simple sequence repeat (SSR) and single nucleotide polymorphism (SNP) markers for genetic fingerprinting, diversity evaluation, and establishment of relationships in eggplants. <i>Euphytica</i> , 2017, 213, 1.	1.2	44
66	Flavonoids: Antioxidant Compounds for Plant Defence... and for a Healthy Human Diet. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 46, 14-21.	1.1	44
67	Variation for bioactive compounds in ajã-(<i>Capsicum baccatum</i> L.) and rocoto (<i>C. pubescens</i> R. & P.) and implications for breeding. <i>Euphytica</i> , 2009, 170, 169-181.	1.2	43
68	Diallel genetic analysis for multiple traits in eggplant and assessment of genetic distances for predicting hybrids performance. <i>PLoS ONE</i> , 2018, 13, e0199943.	2.5	43
69	Comparative analysis of the responses to water stress in eggplant (<i>Solanum melongena</i>) cultivars. <i>Plant Physiology and Biochemistry</i> , 2019, 143, 72-82.	5.8	41
70	Natural Occurrence of Pepino mosaic virus in <i>Lycopersicon</i> Species in Central and Southern Peru. <i>Journal of Phytopathology</i> , 2002, 150, 49-53.	1.0	40
71	Successful Wide Hybridization and Introgression Breeding in a Diverse Set of Common Peppers (<i>Capsicum annuum</i>) Using Different Cultivated Ajã-(<i>C. baccatum</i>) Accessions as Donor Parents. <i>PLoS ONE</i> , 2015, 10, e0144142.	2.5	40
72	<i>Solanum insanum</i> L. (subgenus <i>Leptostemonum</i> Bitter, Solanaceae), the neglected wild progenitor of eggplant (<i>S. melongena</i> L.): a review of taxonomy, characteristics and uses aimed at its enhancement for improved eggplant breeding. <i>Genetic Resources and Crop Evolution</i> , 2017, 64, 1707-1722.	1.6	39

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73	Characterization of a collection of local varieties of tomato (<i>Solanum lycopersicum</i> L.) using conventional descriptors and the high-throughput phenomics tool Tomato Analyzer. <i>Genetic Resources and Crop Evolution</i> , 2015, 62, 189-204.	1.6	38
74	Diversity, relationships, and genetic fingerprinting of the Listada de Gand�a eggplant landrace using genomic SSRs and EST-SSRs. <i>Scientia Horticulturae</i> , 2011, 129, 238-246.	3.6	37
75	Genomic Tools for the Enhancement of Vegetable Crops: A Case in Eggplant. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 46, 1-13.	1.1	37
76	Distinguishing a protected geographical indication vegetable (<i>Almagro</i> eggplant) from closely related varieties with selected morphological traits and molecular markers. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 320-328.	3.5	36
77	Phenomics of fruit shape in eggplant (<i>Solanum melongena</i> L.) using Tomato Analyzer software. <i>Scientia Horticulturae</i> , 2013, 164, 625-632.	3.6	36
78	Detection of honey adulteration by conventional and real-time PCR. <i>Food Control</i> , 2019, 95, 57-62.	5.5	35
79	A highly efficient organogenesis protocol based on zeatin riboside for in vitro regeneration of eggplant. <i>BMC Plant Biology</i> , 2020, 20, 6.	3.6	35
80	Enhancing conservation and use of local vegetable landraces: the Almagro eggplant (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.6	34
81	Stress tolerance mechanisms in <i>Juncus</i> : responses to salinity and drought in three <i>Juncus</i> species adapted to different natural environments. <i>Functional Plant Biology</i> , 2016, 43, 949.	2.1	34
82	Screening for drought tolerance in cultivars of the ornamental genus<i>Tagetes</i> (Asteraceae). <i>PeerJ</i> , 2016, 4, e2133.	2.0	34
83	Development of a Direct in vitro Plant Regeneration Protocol From <i>Cannabis sativa</i> L. Seedling Explants: Developmental Morphology of Shoot Regeneration and Ploidy Level of Regenerated Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 645.	3.6	33
84	Fruit composition profile of pepper, tomato and eggplant varieties grown under uniform conditions. <i>Food Research International</i> , 2021, 147, 110531.	6.2	33
85	First successful backcrossing towards eggplant (<i>Solanum melongena</i>) of a New World species, the silverleaf nightshade (<i>S. elaeagnifolium</i>), and characterization of interspecific hybrids and backcrosses. <i>Scientia Horticulturae</i> , 2019, 246, 563-573.	3.6	32
86	SILEX: a fast and inexpensive high-quality DNA extraction method suitable for multiple sequencing platforms and recalcitrant plant species. <i>Plant Methods</i> , 2020, 16, 110.	4.3	31
87	The Dawn of the Age of Multi-Parent MAGIC Populations in Plant Breeding: Novel Powerful Next-Generation Resources for Genetic Analysis and Selection of Recombinant Elite Material. <i>Biology</i> , 2020, 9, 229.	2.8	31
88	AFLP and DNA sequence variation in an Andean domesticate, pepino (<i>Solanum muricatum</i>,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1219-1229.	1.7	30
89	ddRAD sequencing-based genotyping for population structure analysis in cultivated tomato provides new insights into the genomic diversity of Mediterranean â€˜da serboâ€™ type long shelf-life germplasm. <i>Horticulture Research</i> , 2020, 7, 134.	6.3	30
90	Genetic diversity and conservation of two endangered eggplant relatives (<i>Solanum vespertilio</i> Aiton) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2007, 54, 451-464.	1.6	29

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91	Genotype—Environment interactions in eggplant for fruit phenolic acid content. <i>Euphytica</i> , 2015, 205, 823-836.	1.2	29
92	The first de novo transcriptome of pepino (<i>Solanum muricatum</i>): assembly, comprehensive analysis and comparison with the closely related species <i>S. caripense</i> , potato and tomato. <i>BMC Genomics</i> , 2016, 17, 321.	2.8	29
93	Insights Into the Adaptation to Greenhouse Cultivation of the Traditional Mediterranean Long Shelf-Life Tomato Carrying the alc Mutation: A Multi-Trait Comparison of Landraces, Selections, and Hybrids in Open Field and Greenhouse. <i>Frontiers in Plant Science</i> , 2018, 9, 1774.	3.6	29
94	Identification of Salt Stress Biomarkers in Romanian Carpathian Populations of <i>Picea abies</i> (L.) Karst.. <i>PLoS ONE</i> , 2015, 10, e0135419.	2.5	27
95	Phenological growth stages of tree tomato (<i>Solanum betaceum</i> Cav.), an emerging fruit crop, according to the basic and extended BBCH scales. <i>Scientia Horticulturae</i> , 2016, 199, 216-223.	3.6	27
96	Physiological and Biochemical Responses to Salt Stress in Cultivated Eggplant (<i>Solanum melongena</i> L.) and in <i>S. insanum</i> L., a Close Wild Relative. <i>Agronomy</i> , 2020, 10, 651.	3.0	27
97	Performance of a Set of Eggplant (<i>Solanum melongena</i>) Lines With Introgressions From Its Wild Relative <i>S. incanum</i> Under Open Field and Screenhouse Conditions and Detection of QTLs. <i>Agronomy</i> , 2020, 10, 467.	3.0	27
98	Heirloom varieties as sources of variation for the improvement of fruit quality in greenhouse-grown tomatoes. <i>Journal of Horticultural Science and Biotechnology</i> , 2005, 80, 453-460.	1.9	26
99	Breeding strategies for improving the performance and fruit quality of the pepino (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 International, 2011, 44, 1927-1935.	6.2	26
100	From bits to bites: Advancement of the Germinate platform to support prebreeding informatics for crop wild relatives. <i>Crop Science</i> , 2021, 61, 1538-1566.	1.8	26
101	Variation among tree tomato (<i>Solanum betaceum</i> Cav.) accessions from different cultivar groups: implications for conservation of genetic resources and breeding. <i>Genetic Resources and Crop Evolution</i> , 2011, 58, 943-960.	1.6	25
102	Eggplant fruit composition as affected by the cultivation environment and genetic constitution. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 2774-2784.	3.5	25
103	Phenological growth stages of pepino (<i>Solanum muricatum</i>) according to the BBCH scale. <i>Scientia Horticulturae</i> , 2015, 183, 1-7.	3.6	25
104	Variation of morphological descriptors for the evaluation of tomato germplasm and their stability across different growing conditions. <i>Scientia Horticulturae</i> , 2018, 238, 107-115.	3.6	25
105	Variable Levels of Tolerance to Water Stress (Drought) and Associated Biochemical Markers in Tunisian Barley Landraces. <i>Molecules</i> , 2018, 23, 613.	3.8	25
106	Potential In Vitro Inhibition of Selected Plant Extracts against SARS-CoV-2 Chymotrypsin-Like Protease (3CLPro) Activity. <i>Foods</i> , 2021, 10, 1503.	4.3	25
107	Diversity for olive oil composition in a collection of varieties from the region of Valencia (Spain). <i>Food Research International</i> , 2013, 54, 1941-1949.	6.2	24
108	Screening Cultivated Eggplant and Wild Relatives for Resistance to Bacterial Wilt (<i>Ralstonia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 62 T	3.1	24

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109	Responses of succulents to drought: Comparative analysis of four <i>Sedum</i> (Crassulaceae) species. <i>Scientia Horticulturae</i> , 2019, 243, 235-242.	3.6	24
110	Diversity in composition of scarlet (<i>S. aethiopicum</i>) and gboma (<i>S. macrocarpon</i>) eggplants and of interspecific hybrids between <i>S. aethiopicum</i> and common eggplant (<i>S. melongena</i>). <i>Journal of Food Composition and Analysis</i> , 2016, 45, 130-140.	3.9	23
111	Viruses Infecting Tomato in ValÁncia, Spain: Occurrence, Distribution and Effect of Seed Origin. <i>Journal of Phytopathology</i> , 2010, 158, 797-805.	1.0	22
112	Rapid Biosynthesis of Silver Nanoparticles Using Pepino (<i>Solanum muricatum</i>) Leaf Extract and Their Cytotoxicity on HeLa Cells. <i>Materials</i> , 2016, 9, 325.	2.9	22
113	Physiological and Molecular Characterization of Crop Resistance to Abiotic Stresses. <i>Agronomy</i> , 2020, 10, 1308.	3.0	22
114	Analysis of the Volatile Aroma Constituents of Parental and Hybrid Clones of Pepino (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54.	3.2	21
115	Constitutive and Induced Salt Tolerance Mechanisms and Potential Uses of <i>Limonium</i> Mill. Species. <i>Agronomy</i> , 2021, 11, 413.	3.0	21
116	Phenolic Profile and Biological Activities of the Pepino (<i>Solanum muricatum</i>) Fruit and Its Wild Relative <i>S. caripense</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 394.	4.1	20
117	Fruit composition diversity in land races and modern pepino (<i>Solanum muricatum</i>) varieties and wild related species. <i>Food Chemistry</i> , 2016, 203, 49-58.	8.2	20
118	A novel and rapid method for <i>Agrobacterium</i> -mediated production of stably transformed <i>Cannabis sativa</i> L. plants. <i>Industrial Crops and Products</i> , 2021, 170, 113691.	5.2	20
119	Analysis of landrace cultivation in Europe: A means to support in situ conservation of crop diversity. <i>Biological Conservation</i> , 2022, 267, 109460.	4.1	20
120	Strategies for breeding a new greenhouse crop, the pepino (<i>Solanum muricatum</i> Aiton). <i>Canadian Journal of Plant Science</i> , 1999, 79, 269-275.	0.9	19
121	Efficient regeneration in two potential new crops for subtropical climates, the scarlet<i> (Solanum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 54. Horticultural Science, 2006, 34, 55-62.	1.3	19
122	Identification of Salt and Drought Biochemical Stress Markers in Several <i>Silene vulgaris</i> Populations. <i>Sustainability</i> , 2019, 11, 800.	3.2	19
123	Insights on Salt Tolerance of Two Endemic <i>Limonium</i> Species from Spain. <i>Metabolites</i> , 2019, 9, 294.	2.9	19
124	'Sweet Round' and 'Sweet Long': Two Pepino Cultivars for Mediterranean Climates. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1997, 32, 751-752.	1.0	19
125	Biochemical responses to drought, at the seedling stage, of several Romanian Carpathian populations of Norway spruce (<i>Picea abies</i> L. Karst). <i>Trees - Structure and Function</i> , 2017, 31, 1479-1490.	1.9	18
126	Comparative Studies on the Physiological and Biochemical Responses to Salt Stress of Eggplant (<i>Solanum melongena</i>) and Its Rootstock <i>S. torvum</i> . <i>Agriculture (Switzerland)</i> , 2020, 10, 328.	3.1	18

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127	Genome wide association mapping for agronomic, fruit quality, and root architectural traits in tomato under organic farming conditions. <i>BMC Plant Biology</i> , 2021, 21, 481.	3.6	18
128	Grafting vigour is associated with DNA de-methylation in eggplant. <i>Horticulture Research</i> , 2021, 8, 241.	6.3	18
129	Composition of eggplant cultivars of the <sc>O</sc>ccidental type and implications for the improvement of nutritional and functional quality. <i>International Journal of Food Science and Technology</i> , 2013, 48, 2490-2499.	2.7	17
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