Jaime Prohens TomÃ¡s

List of Publications by Year
in descending order

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255	7,847	41323	85498
papers	citations	49 h-index	71 g-index

261	261	261	6104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conventional and Innovative Processing in the Stability of Glucosinolates. , 2022, , 411-460.		0
2	Fruit Composition of Eggplant Lines with Introgressions from the Wild Relative S. incanum: Interest for Breeding and Safety for Consumption. Agronomy, 2022, 12, 266.	1.3	10
3	Analysis of landrace cultivation in Europe: A means to support in situ conservation of crop diversity. Biological Conservation, 2022, 267, 109460.	1.9	20
4	European traditional tomatoes galore: a result of farmersâ€™ selection of a few diversity-rich loci. Journal of Experimental Botany, 2022, 73, 3431-3445.	2.4	11
5	Biological Traits and Genetic Relationships Amongst Cultivars of Three Species of Tagetes (Asteraceae). Plants, 2022, 11, 760.	1.6	6
6	INTRODUCTION AND DEVELOPMENT OF A PRACTICAL LESSON FOR IMPROVING THE COMPETENCE OF UNDERGRADUATE STUDENTS IN MASSIVE GENOTYPING DATA ANALYSIS: THE USEFULNESS OF TASSEL SOFTWARE. INTED Proceedings, 2022, , .	0.0	0
7	Newly Developed MAGIC Population Allows Identification of Strong Associations and Candidate Genes for Anthocyanin Pigmentation in Eggplant. Frontiers in Plant Science, 2022, 13, 847789.	1.7	15
8	INTRODUCTION TO ADVANCED SEQUENCING TECHNOLOGIES FOR UNDERGRADUATE STUDENTS IN GENETICS: MINION REAL-TIME SEQUENCING. INTED Proceedings, 2022, , .	0.0	0
9	Analysis of Physico-Chemical and Organoleptic Fruit Parameters Relevant for Tomato Quality. Agronomy, 2022, 12, 1232.	1.3	9
10	Breeding and Genome Mapping for Resistance to Biotic Stress in Eggplant. , 2022, , 147-187.		1
11	Adapting Agriculture to Climate Change: A Synopsis of Coordinated National Crop Wild Relative Seed Collecting Programs across Five Continents. Plants, 2022, 11, 1840.	1.6	12
12	Genetic parameters of drought tolerance for agromorphological traits in eggplant, wild relatives, and interspecific hybrids. Crop Science, 2021, 61, 55-68.	0.8	15
13	From bits to bites: Advancement of the Germinate platform to support prebreeding informatics for crop wild relatives. Crop Science, 2021, 61, 1538-1566.	0.8	26
14	Genomic Resources in the Eggplant Wild Genepool. Compendium of Plant Genomes, 2021, , 189-200.	0.3	2
15	Pepper and Eggplant Genetic Resources. Compendium of Plant Genomes, 2021, , 119-154.	0.3	3
16	Constitutive and Induced Salt Tolerance Mechanisms and Potential Uses of Limonium Mill. Species. Agronomy, 2021, 11, 413.	1.3	21
17	Screening of eggplant genotypes for resistance to bacterial wilt disease caused by Clavibacter michiganensis subsp. michiganensis. Plant Protection Science, 2021, 57, 112-121.	0.7	6
18	Grafting Improves Fruit Yield of Cucumber Plants Grown under Combined Heat and Soil Salinity Stresses. Horticulturae, 2021, 7, 61.	1.2	16

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19	Variation for Composition and Quality in a Collection of the Resilient Mediterranean â€˜de penjarâ€™ Long Shelf-Life Tomato Under High and Low N Fertilization Levels. Frontiers in Plant Science, 2021, 12, 633957.	1.7	15
20	Screening of pepino (Solanum muricatum) and wild relatives against four major tomato diseases threatening its expansion in the Mediterranean region. Annals of Applied Biology, 2021, 179, 288.	1.3	0
21	Microgametophyte Development in Cannabis sativa L. and First Androgenesis Induction Through Microspore Embryogenesis. Frontiers in Plant Science, 2021, 12, 669424.	1.7	4
22	Fruit shape morphometric analysis and QTL detection in a set of eggplant introgression lines. Scientia Horticulturae, 2021, 282, 110006.	1.7	14
23	Effect of the Pesticide Endosulfan and Two Different Biostimulants on the Stress Responses of Phaseolus leptostachyus Plants Grown in a Saline Soil. Agronomy, 2021, 11, 1208.	1.3	3
24	Improved genome assembly and panâ€genome provide key insights into eggplant domestication and breeding. Plant Journal, 2021, 107, 579-596.	2.8	56
25	Moderate and severe water stress effects on morphological and biochemical traits in a set of pepino (Solanum muricatum) cultivars. Scientia Horticulturae, 2021, 284, 110143.	1.7	5
26	Potential In Vitro Inhibition of Selected Plant Extracts against SARS-CoV-2 Chymotripsin-Like Protease (3CLPro) Activity. Foods, 2021, 10, 1503.	1.9	25
27	Responses to Salinity in Four Plantago Species from Tunisia. Plants, 2021, 10, 1392.	1.6	13
28	Global range expansion history of pepper (Capsicumspp.) revealed by over 10,000 genebank accessions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	48
29	Screening of Suitable Plant Regeneration Protocols for Several Capsicum spp. through Direct Organogenesis. Horticulturae, 2021, 7, 261.	1.2	3
30	Fruit composition profile of pepper, tomato and eggplant varieties grown under uniform conditions. Food Research International, 2021, 147, 110531.	2.9	33
31	Evaluation of Advanced Backcrosses of Eggplant with Solanum elaeagnifolium Introgressions under Low N Conditions. Agronomy, 2021, 11, 1770.	1.3	11
32	Editorial: Introgression Breeding in Cultivated Plants. Frontiers in Plant Science, 2021, 12, 764533.	1.7	5
33	A novel and rapid method for Agrobacterium-mediated production of stably transformed Cannabis sativa L. plants. Industrial Crops and Products, 2021, 170, 113691.	2.5	20
34	Comparative studies on the stress responses of two Bupleurum (Apiaceae) species in support of conservation programmes. Environmental and Experimental Botany, 2021, 191, 104616.	2.0	4
35	Fine tuning European geographic quality labels, an opportunity for horticulture diversification: A tentative proposal for the Spanish case. Food Control, 2021, 129, 108196.	2.8	2
36	De novo Transcriptome Assembly and Comprehensive Annotation of Two Tree Tomato Cultivars (Solanum betaceum Cav.) with Different Fruit Color. Horticulturae, 2021, 7, 431.	1.2	5

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37	Genome wide association mapping for agronomic, fruit quality, and root architectural traits in tomato under organic farming conditions. BMC Plant Biology, 2021, 21, 481.	1.6	18
38	Grafting vigour is associated with DNA de-methylation in eggplant. Horticulture Research, 2021, 8, 241.	2.9	18
39	Ploidy Modification for Plant Breeding Using In Vitro Organogenesis: A Case in Eggplant. Methods in Molecular Biology, 2021, 2264, 197-206.	0.4	5
40	Physico-Chemical, Nutritional, and Sensory Evaluation of Two New Commercial Tomato Hybrids and Their Parental Lines. Plants, 2021, 10, 2480.	1.6	9
41	Eggplant (Solanum melongena, S. aethiopicum and S. macrocarpon) Breeding. , 2021, , 163-203.		2
42	A highly efficient organogenesis protocol based on zeatin riboside for in vitro regeneration of eggplant. BMC Plant Biology, 2020, 20, 6.	1.6	35
43	Factors affecting germination of Diplotaxis erucoides and their effect on selected quality properties of the germinated products. Scientia Horticulturae, 2020, 261, 109013.	1.7	9
44	Responses to Increased Salinity and Severe Drought in the Eastern Iberian Endemic Species Thalictrum maritimum (Ranunculaceae), Threatened by Climate Change. Plants, 2020, 9, 1251.	1.6	5
45	Morphoagronomic characterization and whole-genome resequencing of eight highly diverse wild and weedy S. pimpinellifolium and S. lycopersicum var. cerasiforme accessions used for the first interspecific tomato MAGIC population. Horticulture Research, 2020, 7, 174.	2.9	9
46	Responses to Salt Stress in Portulaca: Insight into Its Tolerance Mechanisms. Plants, 2020, 9, 1660.	1.6	16
47	SILEX: a fast and inexpensive high-quality DNA extraction method suitable for multiple sequencing platforms and recalcitrant plant species. Plant Methods, 2020, 16, 110.	1.9	31
48	Development of Interspecific Hybrids between a Cultivated Eggplant Resistant to Bacterial Wilt (Ralstonia solanacearum) and Eggplant Wild Relatives for the Development of Rootstocks. Plants, 2020, 9, 1405.	1.6	15
49	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. Horticulture Research, 2020, 7, 134.	2.9	30
50	Screening cultivated eggplant and wild relatives for resistance to sweetpotato whitefly (Bemisia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.6	3
51	Comparative Studies on the Physiological and Biochemical Responses to Salt Stress of Eggplant (Solanum melongena) and Its Rootstock S. torvum. Agriculture (Switzerland), 2020, 10, 328.	1.4	18
52	A Deep Learning-Based System (Microscan) for the Identification of Pollen Development Stages and Its Application to Obtaining Doubled Haploid Lines in Eggplant. Biology, 2020, 9, 272.	1.3	4
53	Physiological and Molecular Characterization of Crop Resistance to Abiotic Stresses. Agronomy, 2020, 10, 1308.	1.3	22
54	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. Biology, 2020, 9, 229.	1.3	31

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55	Simultaneous CRISPR/Cas9 Editing of Three PPO Genes Reduces Fruit Flesh Browning in Solanum melongena L.. Frontiers in Plant Science, 2020, 11, 607161.	1.7	64
56	Effects of Drought and Salinity on Two Commercial Varieties of Lavandula angustifolia Mill. Plants, 2020, 9, 637.	1.6	10
57	Development of a Direct in vitro Plant Regeneration Protocol From Cannabis sativa L. Seedling Explants: Developmental Morphology of Shoot Regeneration and Ploidy Level of Regenerated Plants. Frontiers in Plant Science, 2020, 11, 645.	1.7	33
58	Association of Heterotic Groups with Morphological Relationships and General Combining Ability in Eggplant. Agriculture (Switzerland), 2020, 10, 203.	1.4	7
59	Physiological and Biochemical Responses to Salt Stress in Cultivated Eggplant (Solanum melongena L.) and in S. insanum L., a Close Wild Relative. Agronomy, 2020, 10, 651.	1.3	27
60	Genetic Relationships and Reproductive Traits of Romanian Populations of Silver Fir (Abies alba): Implications for the Sustainable Management of Local Populations. Sustainability, 2020, 12, 4199.	1.6	4
61	Large scale phenotyping and molecular analysis in a germplasm collection of rocket salad (Eruca) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	8
62	The Use of Proline in Screening for Tolerance to Drought and Salinity in Common Bean (Phaseolus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	57
63	Fostering Conservation via an Integrated Use of Conventional Approaches and High-Throughput SPET Genotyping: A Case Study Using the Endangered Canarian Endemics Solanum lidii and S. vespertilio (Solanaceae). Frontiers in Plant Science, 2020, 11, 757.	1.7	13
64	Consumers acceptance and volatile profile of wall rocket (Diplotaxis erucoides). Food Research International, 2020, 132, 109008.	2.9	10
65	Morphological Diversity and Bioactive Compounds in Wall Rocket (Diplotaxis erucoides (L.) DC.). Agronomy, 2020, 10, 306.	1.3	2
66	Performance of a Set of Eggplant (Solanum melongena) Lines With Introgressions From Its Wild Relative S. incanum Under Open Field and Screenhouse Conditions and Detection of QTLs. Agronomy, 2020, 10, 467.	1.3	27
67	Responses to Water Deficit and Salt Stress in Silver Fir (Abies alba Mill.) Seedlings. Forests, 2020, 11, 395.	0.9	11
68	Detection of honey adulteration by conventional and real-time PCR. Food Control, 2019, 95, 57-62.	2.8	35
69	Single Primer Enrichment Technology (SPET) for High-Throughput Genotyping in Tomato and Eggplant Germplasm. Frontiers in Plant Science, 2019, 10, 1005.	1.7	71
70	Responses to Drought in Seedlings of European Larch (Larix decidua Mill.) from Several Carpathian Provenances. Forests, 2019, 10, 511.	0.9	4
71	Detection, molecular characterisation and aspects involving the transmission of tomato chlorotic dwarf viroid in eggplant. Annals of Applied Biology, 2019, 175, 172-183.	1.3	3
72	Morphological and Agronomic Characterization of Spanish Landraces of Phaseolus vulgaris L.. Agriculture (Switzerland), 2019, 9, 149.	1.4	14

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73	Screening Cultivated Eggplant and Wild Relatives for Resistance to Bacterial Wilt (Ralstonia) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	24
74	Biotechnological tools for introgression breeding for adaptation of crops to climate change. Journal of Biotechnology, 2019, 305, S19.	1.9	0
75	Comparative analysis of the responses to water stress in eggplant (Solanum melongena) cultivars. Plant Physiology and Biochemistry, 2019, 143, 72-82.	2.8	41
76	Potential of wall rocket (Diplotaxis erucoides) as a new crop: Influence of the growing conditions on the visual quality of the final product. Scientia Horticulturae, 2019, 258, 108778.	1.7	7
77	Whole-Genome Resequencing of Seven Eggplant (Solanum melongena) and One Wild Relative (S.) Tj ETQq1 1 0.784314 rgBT /Overlock in Plant Science, 2019, 10, 1220.	1.7	46
78	Eggplant (Solanum melongena L.): Taxonomy and Relationships. Compendium of Plant Genomes, 2019, , 11-22.	0.3	11
79	Resequencing. Compendium of Plant Genomes, 2019, , 81-89.	0.3	1
80	Identification of Salt and Drought Biochemical Stress Markers in Several Silene vulgaris Populations. Sustainability, 2019, 11, 800.	1.6	19
81	Genetic diversity, population structure, and relationships in a collection of pepper (Capsicum spp.) landraces from the Spanish centre of diversity revealed by genotyping-by-sequencing (GBS). Horticulture Research, 2019, 6, 54.	2.9	61
82	Improving the Conservation and Use of Traditional Germplasm through Breeding for Local Adaptation: The Case of the Castellfollit del Boix Common Bean (Phaseolus vulgaris L.) Landrace. Agronomy, 2019, 9, 889.	1.3	1
83	Screening for Salt and Water Stress Tolerance in Fir (Abies alba) Populations. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2019, 47, 1063-1072.	0.5	5
84	Growing Conditions Affect the Phytochemical Composition of Edible Wall Rocket (Diplotaxis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.3	9
85	Multi-Level Characterization of Eggplant Accessions from Greek Islands and the Mainland Contributes to the Enhancement and Conservation of this Germplasm and Reveals a Large Diversity and Signatures of Differentiation between both Origins. Agronomy, 2019, 9, 887.	1.3	9
86	Insights on Salt Tolerance of Two Endemic Limonium Species from Spain. Metabolites, 2019, 9, 294.	1.3	19
87	Responses of succulents to drought: Comparative analysis of four Sedum (Crassulaceae) species. Scientia Horticulturae, 2019, 243, 235-242.	1.7	24
88	HS-SPME analysis of the volatiles profile of water celery (Apium nodiflorum), a wild vegetable with increasing culinary interest. Food Research International, 2019, 121, 765-775.	2.9	13
89	First successful backcrossing towards eggplant (Solanum melongena) of a New World species, the silverleaf nightshade (S. elaeagnifolium), and characterization of interspecific hybrids and backcrosses. Scientia Horticulturae, 2019, 246, 563-573.	1.7	32
90	Wild edible foolâ€™s watercress, a potential crop with high nutraceutical properties. PeerJ, 2019, 7, e6296.	0.9	8

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91	INTRODUCTION AND DEVELOPMENT OF A PRACTICAL LESSON FOR IMPROVING THE COMPETENCE OF MASTER STUDENTS IN PLANT BREEDING: THE USEFULNESS OF SPECIFIC SOFTWARE IN PHENOTYPING TASKS. INTED Proceedings, 2019, , .	0.0	0
92	INTRODUCTION OF A PRACTICAL LESSON FOR THE EVALUATION OF BIOACTIVE QUALITY IN PLANT MATERIALS ADDRESSED TO STUDENTS IN PLANT BREEDING. , 2019, , .		0
93	INTRODUCTION OF A PRACTICAL LESSON FOR THE EVALUATION OF CAROTENOIDS IN FRUITS AND VEGETABLES FOR MASTER STUDENTS. , 2019, , .		0
94	In vitro germination and growth protocols of the ornamental Lophophora williamsii (Lem.) Coult. as a tool for protecting endangered wild populations. Scientia Horticulturae, 2018, 237, 120-127.	1.7	8
95	Variation of morphological descriptors for the evaluation of tomato germplasm and their stability across different growing conditions. Scientia Horticulturae, 2018, 238, 107-115.	1.7	25
96	Antioxidant and antiâ€inflammatory activities of freezeâ€dried grapefruit phenolics as affected by gum arabic and bamboo fibre addition and microwave pretreatment. Journal of the Science of Food and Agriculture, 2018, 98, 3076-3083.	1.7	9
97	Characterization of the Spectrum of Solar Irradiance under Different Crop Protection Coverings in Mediterranean Conditions and Effect on the Interception of Photosynthetically Active Radiation. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2018, 47, 441-449.	0.5	1
98	Plant Genebanks: Present Situation and Proposals for Their Improvement. the Case of the Spanish Network. Frontiers in Plant Science, 2018, 9, 1794.	1.7	45
99	Highly informative SSR genotyping reveals large genetic diversity and limited differentiation in European larch (Larixdecidua) populations from Romania. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2018, 42, 165-175.	0.8	16
100	Biochemical Markers of Salt Stress in European Larch (Larix decidua). Notulae Scientia Biologicae, 2018, 10, 430-438.	0.1	4
101	Screening for Salt Tolerance in Four Local Varieties of Phaseolus lunatus from Spain. Agriculture (Switzerland), 2018, 8, 201.	1.4	11
102	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. Frontiers in Plant Science, 2018, 9, 1774.	1.7	29
103	Spectral comparison of diffuse PAR irradiance under different tree and shrub shading conditions and in cloudy days. Journal of Photochemistry and Photobiology B: Biology, 2018, 189, 274-282.	1.7	4
104	Diallel genetic analysis for multiple traits in eggplant and assessment of genetic distances for predicting hybrids performance. PLoS ONE, 2018, 13, e0199943.	1.1	43
105	Effects of Drought and Salinity on European Larch (Larix decidua Mill.) Seedlings. Forests, 2018, 9, 320.	0.9	17
106	Variable Levels of Tolerance to Water Stress (Drought) and Associated Biochemical Markers in Tunisian Barley Landraces. Molecules, 2018, 23, 613.	1.7	25
107	Importance of the growing system in the leaf morphology of Diplotaxis erucoides. Acta Horticulturae, 2018, , 25-32.	0.1	2
108	The genus Portulaca as a suitable model to study the mechanisms of plant tolerance to drought and salinity. The EuroBiotech Journal, 2018, 2, 104-113.	0.5	11

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109	ENHANCING SPECIFIC COMPETENCES IN MICROSCOPIC TECHNIQUES IN PLANT SCIENCES MASTER STUDENTS. , 2018, , .		0
110	Genetic structure of Cannabis sativa var. indica cultivars based on genomic SSR (gSSR) markers: Implications for breeding and germplasm management. Industrial Crops and Products, 2017, 104, 171-178.	2.5	55
111	Biochemical responses to drought, at the seedling stage, of several Romanian Carpathian populations of Norway spruce (Picea abies L. Karst). Trees - Structure and Function, 2017, 31, 1479-1490.	0.9	18
112	Inoculation of cucumber, melon and zucchini varieties with Tomato leaf curl New Delhi virus and evaluation of infection using different detection methods. Annals of Applied Biology, 2017, 170, 405-414.	1.3	15
113	Phenolics content, fruit flesh colour and browning in cultivated eggplant, wild relatives and interspecific hybrids and implications for fruit quality breeding. Food Research International, 2017, 102, 392-401.	2.9	60
114	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. Euphytica, 2017, 213, 1.	0.6	44
115	Introgressiomics: a new approach for using crop wild relatives in breeding for adaptation to climate change. Euphytica, 2017, 213, 1.	0.6	154
116	Solanum insanum L. (subgenus Leptostemonum Bitter, Solanaceae), the neglected wild progenitor of eggplant (S. melongena L.): a review of taxonomy, characteristics and uses aimed at its enhancement for improved eggplant breeding. Genetic Resources and Crop Evolution, 2017, 64, 1707-1722.	0.8	39
117	Antioxidant responses under salinity and drought in three closely related wild monocots with different ecological optima. AoB PLANTS, 2017, 9, plx009.	1.2	78
118	Toward an Evolved Concept of Landrace. Frontiers in Plant Science, 2017, 08, 145.	1.7	132
119	Unraveling Salt Tolerance Mechanisms in Halophytes: A Comparative Study on Four Mediterranean Limonium Species with Different Geographic Distribution Patterns. Frontiers in Plant Science, 2017, 8, 1438.	1.7	65
120	Development and Genetic Characterization of Advanced Backcross Materials and An Introgression Line Population of Solanum incanum in a S. melongena Background. Frontiers in Plant Science, 2017, 8, 1477.	1.7	57
121	World Vegetable Center Eggplant Collection: Origin, Composition, Seed Dissemination and Utilization in Breeding. Frontiers in Plant Science, 2017, 8, 1484.	1.7	106
122	Flavonoids: Antioxidant Compounds for Plant Defence... and for a Healthy Human Diet. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2017, 46, 14-21.	0.5	44
123	Effects of salinity and drought on growth, ionic relations, compatible solutes and activation of antioxidant systems in oleander (Nerium oleander L.). PLoS ONE, 2017, 12, e0185017.	1.1	103
124	Spruce Trees Growth and Forest Landscape Depending on Microstational Factors and Ecological Conditions. Notulae Scientia Biologicae, 2017, 9, 582-588.	0.1	2
125	Genomic Tools for the Enhancement of Vegetable Crops: A Case in Eggplant. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2017, 46, 1-13.	0.5	37
126	Influence of the Growing Conditions in the Content of Vitamin C in Diplotaxis erucoides. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2017, 74, 144.	0.2	2

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127	Coding SNPs analysis highlights genetic relationships and evolution pattern in eggplant complexes. PLoS ONE, 2017, 12, e0180774.	1.1	61
128	The impact of an extreme climatic disturbance and different fertilization treatments on plant development, phenology, and yield of two cultivar groups of Solanum betaceum Cav.. PLoS ONE, 2017, 12, e0190316.	1.1	4
129	Comparative analysis of drought responses in Phaseolus vulgaris (common bean) and P. coccineus (runner bean) cultivars. The EuroBiotech Journal, 2017, 1, 247-252.	0.5	14
130	Salinity-Induced Variation in Biochemical Markers Provides Insight into the Mechanisms of Salt Tolerance in Common (Phaseolus vulgaris) and Runner (P. coccineus) Beans. International Journal of Molecular Sciences, 2016, 17, 1582.	1.8	44
131	Phenolic Profile and Biological Activities of the Pepino (Solanum muricatum) Fruit and Its Wild Relative S. caripense. International Journal of Molecular Sciences, 2016, 17, 394.	1.8	20
132	Rapid Biosynthesis of Silver Nanoparticles Using Pepino (Solanum muricatum) Leaf Extract and Their Cytotoxicity on HeLa Cells. Materials, 2016, 9, 325.	1.3	22
133	Native-Invasive Plants vs. Halophytes in Mediterranean Salt Marshes: Stress Tolerance Mechanisms in Two Related Species. Frontiers in Plant Science, 2016, 7, 473.	1.7	45
134	Phenotyping of Eggplant Wild Relatives and Interspecific Hybrids with Conventional and Phenomics Descriptors Provides Insight for Their Potential Utilization in Breeding. Frontiers in Plant Science, 2016, 7, 677.	1.7	65
135	Use of Embryos Extracted from Individual Cannabis sativa Seeds for Genetic Studies and Forensic Applications. Journal of Forensic Sciences, 2016, 61, 494-500.	0.9	5
136	Crop wild relatives of the brinjal eggplant (Solanum melongena): Poorly represented in genebanks and many species at risk of extinction. American Journal of Botany, 2016, 103, 635-651.	0.8	78
137	Stress tolerance mechanisms in Juncus: responses to salinity and drought in three Juncus species adapted to different natural environments. Functional Plant Biology, 2016, 43, 949.	1.1	34
138	Development of backcross generations and new interspecific hybrid combinations for introgression breeding in eggplant (Solanum melongena). Scientia Horticulturae, 2016, 213, 199-207.	1.7	66
139	The first de novo transcriptome of pepino (Solanum muricatum): assembly, comprehensive analysis and comparison with the closely related species S. caripense, potato and tomato. BMC Genomics, 2016, 17, 321.	1.2	29
140	Transcriptome analysis and molecular marker discovery in Solanum incanum and S. aethiopicum, two close relatives of the common eggplant (Solanum melongena) with interest for breeding. BMC Genomics, 2016, 17, 300.	1.2	63
141	Fruit composition diversity in land races and modern pepino (Solanum muricatum) varieties and wild related species. Food Chemistry, 2016, 203, 49-58.	4.2	20
142	Phenological growth stages of tree tomato (Solanum betaceum Cav.), an emerging fruit crop, according to the basic and extended BBCH scales. Scientia Horticulturae, 2016, 199, 216-223.	1.7	27
143	Environmentally induced changes in antioxidant phenolic compounds levels in wild plants. Acta Physiologiae Plantarum, 2016, 38, 1.	1.0	68
144	Diversity in composition of scarlet (S. aethiopicum) and gboma (S. macrocarpon) eggplants and of interspecific hybrids between S. aethiopicum and common eggplant (S. melongena). Journal of Food Composition and Analysis, 2016, 45, 130-140.	1.9	23

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145	Effects of Salt Stress on Three Ecologically Distinct Plantago Species. PLoS ONE, 2016, 11, e0160236.	1.1	60
146	A Spontaneous Eggplant (Solanum melongena L.) Color Mutant Conditions Anthocyanin-free Fruit Pigmentation. Hortscience: A Publication of the American Society for Hortcultural Science, 2016, 51, 793-798.	0.5	11
147	Interspecific Hybridization between Eggplant and Wild Relatives from Different Genepools. Journal of the American Society for Horticultural Science, 2016, 141, 34-44.	0.5	89
148	Screening for drought tolerance in cultivars of the ornamental genusTagetes(Asteraceae). PeerJ, 2016, 4, e2133.	0.9	34
149	DEVELOPMENT OF BREEDING PROGRAMMES IN EGGPLANT WITH DIFFERENT OBJECTIVES AND APPROACHES: THREE EXAMPLES OF USE OF PRIMARY GENEPOOL DIVERSITY. Acta Horticulturae, 2015, , 711-718.	0.1	2
150	Effects of Salt and Water Stress on Plant Growth and on Accumulation of Osmolytes and Antioxidant Compounds in Cherry Tomato. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2015, 43, 1-11.	0.5	95
151	Identification of Salt Stress Biomarkers in Romanian Carpathian Populations of Picea abies (L.) Karst.. PLoS ONE, 2015, 10, e0135419.	1.1	27
152	Successful Wide Hybridization and Introgression Breeding in a Diverse Set of Common Peppers (Capsicum annuum) Using Different Cultivated AjÃ-(C. baccatum) Accessions as Donor Parents. PLoS ONE, 2015, 10, e0144142.	1.1	40
153	Breeding and Domesticating Crops Adapted to Drought and Salinity: A New Paradigm for Increasing Food Production. Frontiers in Plant Science, 2015, 6, 978.	1.7	263
154	Breeding Vegetables with Increased Content in Bioactive Phenolic Acids. Molecules, 2015, 20, 18464-18481.	1.7	88
155	Phenological growth stages of pepino (Solanum muricatum) according to the BBCH scale. Scientia Horticulturae, 2015, 183, 1-7.	1.7	25
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