

Pietro Gramazio

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,193
citations

186265

28
h-index

254184

43
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73
all docs

73
docs citations

73
times ranked

1728
citing authors

#	ARTICLE	IF	CITATIONS
1	Fruit Composition of Eggplant Lines with Introgressions from the Wild Relative <i>S. incanum</i> : Interest for Breeding and Safety for Consumption. <i>Agronomy</i> , 2022, 12, 266.	3.0	10
2	Biological Traits and Genetic Relationships Amongst Cultivars of Three Species of <i>Tagetes</i> (Asteraceae). <i>Plants</i> , 2022, 11, 760.	3.5	6
3	INTRODUCTION AND DEVELOPMENT OF A PRACTICAL LESSON FOR IMPROVING THE COMPETENCE OF UNDERGRADUATE STUDENTS IN MASSIVE GENOTYPING DATA ANALYSIS: THE USEFULNESS OF TASSEL SOFTWARE. <i>INTED Proceedings</i> , 2022, , .	0.0	0
4	Newly Developed MAGIC Population Allows Identification of Strong Associations and Candidate Genes for Anthocyanin Pigmentation in Eggplant. <i>Frontiers in Plant Science</i> , 2022, 13, 847789.	3.6	15
5	INTRODUCTION TO ADVANCED SEQUENCING TECHNOLOGIES FOR UNDERGRADUATE STUDENTS IN GENETICS: MINION REAL-TIME SEQUENCING. <i>INTED Proceedings</i> , 2022, , .	0.0	0
6	Genomic Resources in the Eggplant Wild Genepool. <i>Compendium of Plant Genomes</i> , 2021, , 189-200.	0.5	2
7	Screening of pepino (<i>Solanum muricatum</i>) and wild relatives against four major tomato diseases threatening its expansion in the Mediterranean region. <i>Annals of Applied Biology</i> , 2021, 179, 288.	2.5	0
8	Fruit shape morphometric analysis and QTL detection in a set of eggplant introgression lines. <i>Scientia Horticulturae</i> , 2021, 282, 110006.	3.6	14
9	Increase in Phloem Area in the Tomato hawaiian skirt Mutant Is Associated with Enhanced Sugar Transport. <i>Genes</i> , 2021, 12, 932.	2.4	6
10	Moderate and severe water stress effects on morphological and biochemical traits in a set of pepino (<i>Solanum muricatum</i>) cultivars. <i>Scientia Horticulturae</i> , 2021, 284, 110143.	3.6	5
11	Editorial: Introgression Breeding in Cultivated Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 764533.	3.6	5
12	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
13	De novo Transcriptome Assembly and Comprehensive Annotation of Two Tree Tomato Cultivars (<i>Solanum betaceum</i> Cav.) with Different Fruit Color. <i>Horticulturae</i> , 2021, 7, 431.	2.8	5
14	Ploidy Modification for Plant Breeding Using In Vitro Organogenesis: A Case in Eggplant. <i>Methods in Molecular Biology</i> , 2021, 2264, 197-206.	0.9	5
15	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
16	Morphoagronomic characterization and whole-genome resequencing of eight highly diverse wild and weedy <i>S. pimpinellifolium</i> and <i>S. lycopersicum</i> var. <i>cerasiforme</i> accessions used for the first interspecific tomato MAGIC population. <i>Horticulture Research</i> , 2020, 7, 174.	6.3	9
17	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
18	Challenges and Prospects of New Plant Breeding Techniques for GABA Improvement in Crops: Tomato as an Example. <i>Frontiers in Plant Science</i> , 2020, 11, 577980.	3.6	34

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19	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
20	Fostering Conservation via an Integrated Use of Conventional Approaches and High-Throughput SPET Genotyping: A Case Study Using the Endangered Canarian Endemics <i>Solanum lidii</i> and <i>S. vespertilio</i> (Solanaceae). <i>Frontiers in Plant Science</i> , 2020, 11, 757.	3.6	13
21	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
22	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
23	Detection, molecular characterisation and aspects involving the transmission of tomato chlorotic dwarf viroid in eggplant. <i>Annals of Applied Biology</i> , 2019, 175, 172-183.	2.5	3
24	Biotechnological tools for introgression breeding for adaptation of crops to climate change. <i>Journal of Biotechnology</i> , 2019, 305, S19.	3.8	0
25	Whole-Genome Resequencing of Seven Eggplant (<i>Solanum melongena</i>) and One Wild Relative (<i>S.</i>) Tj ETQq1 1 0.784314 rgBT /Overlock in <i>Plant Science</i> , 2019, 10, 1220.	3.6	46
26	Resequencing. <i>Compendium of Plant Genomes</i> , 2019, , 81-89.	0.5	1
27	Genetic insights into the modification of the pre-fertilization mechanisms during plant domestication. <i>Journal of Experimental Botany</i> , 2019, 70, 3007-3019.	4.8	9
28	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. <i>Agronomy</i> , 2019, 9, 887.	3.0	9
29	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
30	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. <i>INTED Proceedings</i> , 2019, , .	0.0	0
31	INTRODUCTION OF A PRACTICAL LESSON FOR THE EVALUATION OF BIOACTIVE QUALITY IN PLANT MATERIALS ADDRESSED TO STUDENTS IN PLANT BREEDING. , 2019, , .		0
32	Highly informative SSR genotyping reveals large genetic diversity and limited differentiation in European larch (<i>Larix decidua</i>) populations from Romania. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2018, 42, 165-175.	2.1	16
33	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
34	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
35	INNOVATIVE PRACTICAL SESSION TO ENHANCE SPECIFIC STUDENT COMPETENCE IN APPLYING IN VITRO EMBRYO RESCUE IN PLANT BREEDING. , 2018, , .		0
36	ENHANCING SPECIFIC COMPETENCES IN MICROSCOPIC TECHNIQUES IN PLANT SCIENCES MASTER STUDENTS. , 2018, , .		0

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37	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
38	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
39	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
40	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
41	<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
42	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
43	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
44	Coding SNPs analysis highlights genetic relationships and evolution pattern in eggplant complexes. <i>PLoS ONE</i> , 2017, 12, e0180774.	2.5	61
45	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
46	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
47	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
48	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
49	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
50	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
51	DEVELOPMENT OF BREEDING PROGRAMMES IN EGGPLANT WITH DIFFERENT OBJECTIVES AND APPROACHES: THREE EXAMPLES OF USE OF PRIMARY GENEPOOL DIVERSITY. <i>Acta Horticulturae</i> , 2015, , 711-718.	0.2	2
52	Breeding Vegetables with Increased Content in Bioactive Phenolic Acids. <i>Molecules</i> , 2015, 20, 18464-18481.	3.8	88
53	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
54	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

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55	Morphological and molecular characterization of local varieties, modern cultivars and wild relatives of an emerging vegetable crop, the pepino (<i>Solanum muricatum</i>), provides insight into its diversity, relationships and breeding history. <i>Euphytica</i> , 2015, 206, 301-318.	1.2	14
56	Molecular Characterization of Scarlet and Gboma Eggplants Based on Single Nucleotide Polymorphisms. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2015, 72, .	0.1	1
57	Increasing the Genetic Base of Modern Cultivars of Eggplant of the Semi-Long Black Type. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2015, 72, .	0.1	0
58	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
59	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
60	Genetic Diversity and Relationships in Local Varieties of Eggplant from Different Cultivar Groups as Assessed by Genomic SSR Markers. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2014, 42, .	1.1	5
61	Breeding Vegetables with Improved Bioactive Properties. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2014, 71, .	0.1	0
62	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
63	Swedish coffee (<i>Astragalus boeticus</i> L.), a neglected coffee substitute with a past and a potential future. <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 287-297.	1.6	8
64	Enhancing conservation and use of local vegetable landraces: the Almagro eggplant (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.6	34
65	Morphological Diversity in Gboma Eggplant (<i>Solanum macrocarpon</i>) as Assessed with Conventional and Tomato Analyzer Descriptors. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2014, 71, .	0.1	0
66	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
67	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. Æincanum</i>). <i>Annals of Applied Biology</i> , 2013, 162, 242-257.	2.5	95
68	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
69	Breeding for Chlorogenic Acid Content in Eggplant: Interest and Prospects. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2013, 41, 26.	1.1	92
70	Diversity and Relationships of Eggplants from Three Geographically Distant Secondary Centers of Diversity. <i>PLoS ONE</i> , 2012, 7, e41748.	2.5	59