

Belã©n Romã;n

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,836
citations

236925

25
h-index

265206

42
g-index

52
all docs

52
docs citations

52
times ranked

1531
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of candidate reference genes for expression studies in <i>Pisum sativum</i> under different experimental conditions. <i>Planta</i> , 2010, 232, 145-153.	3.2	151
2	Screening techniques and sources of resistance against parasitic weeds in grain legumes. <i>Euphytica</i> , 2006, 147, 187-199.	1.2	137
3	Faba bean breeding for resistance against biotic stresses: Towards application of marker technology. <i>Euphytica</i> , 2006, 147, 67-80.	1.2	104
4	Mapping of quantitative trait loci controlling broomrape (<i>Orobanche crenata</i> Forsk.) resistance in faba bean (<i>Vicia faba</i> L.). <i>Genome</i> , 2002, 45, 1057-1063.	2.0	103
5	Plant resistance to parasitic plants: molecular approaches to an old foe. <i>New Phytologist</i> , 2007, 173, 703-712.	7.3	89
6	Development and Characterization of Microsatellite Markers from Chromosome 1-Specific DNA Libraries of <i>Vicia Faba</i> . <i>Biologia Plantarum</i> , 2002, 45, 337-345.	1.9	87
7	Selection of Reference Genes for Gene Expression Studies in Zucchini (<i>Cucurbita pepo</i>) Using qPCR. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 5402-5411.	5.2	74
8	Locating genes associated with <i>Ascochyta fabae</i> resistance in <i>Vicia faba</i> . <i>Australian Journal of Agricultural Research</i> , 2003, 54, 85.	1.5	61
9	Development of a composite map in <i>Vicia faba</i> , breeding applications and future prospects. <i>Theoretical and Applied Genetics</i> , 2004, 108, 1079-1088.	3.6	58
10	Validation of QTLs for <i>Orobanche crenata</i> resistance in faba bean (<i>Vicia faba</i> L.) across environments and generations. <i>Theoretical and Applied Genetics</i> , 2010, 120, 909-919.	3.6	54
11	Locating quantitative trait loci associated with <i>Orobanche crenata</i> resistance in pea. <i>Weed Research</i> , 2004, 44, 323-328.	1.7	53
12	RNA quality assessment: a view from plant qPCR studies. <i>Journal of Experimental Botany</i> , 2012, 63, 6069-6077.	4.8	52
13	Variation Among and Within Populations of the Parasitic Weed <i>Orobanche crenata</i> from Spain and Israel Revealed by Inter Simple Sequence Repeat Markers. <i>Phytopathology</i> , 2002, 92, 1262-1266.	2.2	46
14	Selection of housekeeping genes for normalization by real-time RT-qPCR: Analysis of Or-MYB1 gene expression in <i>Orobanche ramosa</i> development. <i>Analytical Biochemistry</i> , 2008, 379, 176-181.	2.4	46
15	Genetic Relationships among <i>Orobanche</i> Species as Revealed by RAPD Analysis. <i>Annals of Botany</i> , 2003, 91, 637-642.	2.9	45
16	Genetic diversity in <i>Orobanche crenata</i> populations from southern Spain. <i>Theoretical and Applied Genetics</i> , 2001, 103, 1108-1114.	3.6	42
17	First TILLING Platform in <i>Cucurbita pepo</i> : A New Mutant Resource for Gene Function and Crop Improvement. <i>PLoS ONE</i> , 2014, 9, e112743.	2.5	40
18	Identification by suppression subtractive hybridization and expression analysis of <i>Medicago truncatula</i> putative defence genes in response to <i>Orobanche crenata</i> parasitization. <i>Physiological and Molecular Plant Pathology</i> , 2007, 70, 49-59.	2.5	37

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19	First Report of <i>Orobanche foetida</i> on Common Vetch (<i>Vicia sativa</i>) in Morocco. <i>Plant Disease</i> , 2005, 89, 528-528.	1.4	36
20	Host differentiation in <i>Orobanche foetida</i> Poir. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2007, 202, 201-208.	1.2	35
21	Confirmation of QTLs controlling <i>Ascochyta fabae</i> resistance in different generations of faba bean (<i>Vicia faba</i> L.). <i>Crop and Pasture Science</i> , 2009, 60, 353.	1.5	35
22	Genetic diversity of Moroccan populations of <i>Orobanche foetida</i> : evolving from parasitising wild hosts to crop plants. <i>Weed Research</i> , 2008, 48, 179-186.	1.7	34
23	Carotenogenic Gene Expression and Carotenoid Accumulation in Three Varieties of <i>Cucurbita pepo</i> during Fruit Development. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 6393-6403.	5.2	33
24	Development of a multiplex real-time PCR method for simultaneous detection of <i>Salmonella enterica</i> , <i>Shigella flexneri</i> and <i>Listeria monocytogenes</i> in processed food samples. <i>European Food Research and Technology</i> , 2012, 234, 571-580.	3.3	29
25	Selection of reference genes in <i>Hedysarum coronarium</i> under various stresses and stages of development. <i>Analytical Biochemistry</i> , 2011, 409, 236-243.	2.4	28
26	Gene expression profiling of <i>Medicago truncatula</i> roots in response to the parasitic plant <i>Orobanche crenata</i> . <i>Weed Research</i> , 2009, 49, 66-80.	1.7	26
27	Selection of reference genes for expression studies in <i>Cicer arietinum</i> L.: analysis of <i>cyp81E3</i> gene expression against <i>Ascochyta rabiei</i> . <i>Molecular Breeding</i> , 2012, 29, 261-274.	2.1	26
28	Population genetics in weedy species of <i>Orobanche</i> . <i>Australasian Plant Pathology</i> , 2009, 38, 228.	1.0	25
29	Genetic Variation Among and Within <i>Uromyces</i> Species Infecting Legumes. <i>Journal of Phytopathology</i> , 2008, 156, 419-424.	1.0	22
30	Characterization of the 3â€²:5â€² ratio for reliable determination of RNA quality. <i>Analytical Biochemistry</i> , 2011, 419, 336-338.	2.4	21
31	Expression Profile of Carotenoid Cleavage Dioxygenase Genes in Summer Squash (<i>Cucurbita pepo</i> L.). <i>Plant Foods for Human Nutrition</i> , 2015, 70, 200-206.	3.2	21
32	Auxin signalling regulation during induced and parthenocarpic fruit set in zucchini. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	21
33	First RNA-seq approach to study fruit set and parthenocarpy in zucchini (<i>Cucurbita pepo</i> L.). <i>BMC Plant Biology</i> , 2019, 19, 61.	3.6	19
34	Genome-scale examination of NBS-encoding genes in blueberry. <i>Scientific Reports</i> , 2018, 8, 3429.	3.3	18
35	<i>Vicia faba</i> germplasm multiplication â€™ floral traits associated with pollen-mediated gene flow under diverse between-plot isolation strategies. <i>Annals of Applied Biology</i> , 2008, 152, 201-208.	2.5	17
36	Candidate gene analysis of Tomato leaf curl New Delhi virus resistance in <i>Cucumis melo</i> . <i>Scientia Horticulturae</i> , 2019, 243, 12-20.	3.6	11

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37	Verticillium Wilt Evaluation of Olive Breeding Selections Under Semi-Controlled Conditions. Plant Disease, 2021, 105, 1781-1790.	1.4	11
38	Genetic diversity in two variants of <i>Orobanche gracilis</i> Sm. [var. <i>gracilis</i> and var. <i>deludens</i> (Beck) A. Pujadas] (Orobanchaceae) from different regions of Spain. Electronic Journal of Biotechnology, 2007, 10, 0-0.	2.2	10
39	Gene expression analysis of molecular mechanisms of defense induced in <i>Medicago truncatula</i> parasitized by <i>Orobanche crenata</i> . Plant Physiology and Biochemistry, 2009, 47, 635-641.	5.8	10
40	Detecting <i>Orobanche</i> species by using cpDNA diagnostic markers. Phytoparasitica, 2007, 35, 129-135.	1.2	9
41	Identification, cloning, and expression analysis of three phytoene synthase genes from <i>Cucurbita pepo</i> . Biologia Plantarum, 2015, 59, 201-210.	1.9	9
42	Design and Sampling Plan Optimization for RT-qPCR Experiments in Plants: A Case Study in Blueberry. Frontiers in Plant Science, 2016, 7, 271.	3.6	9
43	Control of <i>Orobanche crenata</i> in <i>Vicia narbonensis</i> by glyphosate. Crop Protection, 2008, 27, 873-876.	2.1	8
44	Expression analysis of <i>Pisum sativum</i> putative defence genes during <i>Orobanche crenata</i> infection. Crop and Pasture Science, 2009, 60, 490.	1.5	7
45	Nucleotide diversity analysis of candidate genes for <i>Verticillium</i> wilt resistance in olive. Scientia Horticulturae, 2020, 274, 109653.	3.6	6
46	Population Diversity and Dynamics of Parasitic Weeds. , 2013, , 345-356.		6
47	An improved method to obtain novel mutants in <i>Cucurbita pepo</i> by pollen viability. Scientia Horticulturae, 2014, 169, 14-19.	3.6	4
48	Evaluation of Different Pulverisation Methods for RNA Extraction in Squash Fruit: Lyophilisation, Cryogenic Mill and Mortar Grinding. Phytochemical Analysis, 2012, 23, 622-626.	2.4	3
49	Isolation and expression analysis of a cobalamin-independent methionine synthase gene from the parasitic plant <i>Orobanche ramosa</i> . Scientia Horticulturae, 2008, 116, 337-341.	3.6	2
50	First Report of <i>Orobanche crenata</i> on <i>Sulla</i> (<i>Hedysarum coronarium</i>) in Andalusia, Southern Spain. Plant Disease, 2008, 92, 1709-1709.	1.4	2
51	Gene Expression in Zucchini Fruit Development. Horticulturae, 2022, 8, 306.	2.8	2