

Ana M Torres

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3787761/publications.pdf>

Version: 2024-02-01

66
papers

2,958
citations

126907

33
h-index

168389

53
g-index

68
all docs

68
docs citations

68
times ranked

1515
citing authors

#	ARTICLE	IF	CITATIONS
1	Linkage among isozyme, RFLP and RAPD markers in <i>Vicia faba</i> . Theoretical and Applied Genetics, 1993, 85, 937-945.	3.6	277
2	Cross-species amplification of <i>Medicago truncatula</i> microsatellites across three major pulse crops. Theoretical and Applied Genetics, 2005, 110, 1210-1217.	3.6	127
3	Using RAPDs to study phylogenetic relationships in <i>Rosa</i> . Theoretical and Applied Genetics, 1996, 92, 273-277.	3.6	115
4	Faba bean breeding for resistance against biotic stresses: Towards application of marker technology. Euphytica, 2006, 147, 67-80.	1.2	104
5	Mapping of quantitative trait loci controlling broomrape (<i>Orobanche crenata</i> Forsk.) resistance in faba bean (<i>Vicia faba</i> L.). Genome, 2002, 45, 1057-1063.	2.0	103
6	Isolate and organ-specific QTLs for ascochyta blight resistance in faba bean (<i>Vicia faba</i> L.). Theoretical and Applied Genetics, 2004, 108, 1071-1078.	3.6	94
7	Genetic mapping of QTLs controlling horticultural traits in diploid roses. Theoretical and Applied Genetics, 2005, 111, 511-520.	3.6	88
8	Marker-assisted selection in faba bean (<i>Vicia faba</i> L.). Field Crops Research, 2010, 115, 243-252.	5.1	88
9	Development and Characterization of Microsatellite Markers from Chromosome 1-Specific DNA Libraries of <i>Vicia Faba</i> . Biologia Plantarum, 2002, 45, 337-345.	1.9	87
10	Identification of a New Gene for Resistance to Powdery Mildew in <i>Pisum fulvum</i> , a Wild Relative of Pea. Breeding Science, 2007, 57, 181-184.	1.9	84
11	Identification of RAPD markers linked to the Uvf-1 gene conferring hypersensitive resistance against rust (<i>Uromyces viciae-fabae</i>) in <i>Vicia faba</i> L.. Theoretical and Applied Genetics, 2003, 107, 353-358.	3.6	77
12	Comparative genomics to bridge <i>Vicia faba</i> with model and closely-related legume species: stability of QTLs for flowering and yield-related traits. Theoretical and Applied Genetics, 2012, 125, 1767-1782.	3.6	69
13	CAPs markers to assist selection for low vicine and convicine contents in faba bean (<i>Vicia faba</i> L.). Theoretical and Applied Genetics, 2006, 114, 59-66.	3.6	64
14	Mapping of quantitative trait loci for resistance to <i>Mycosphaerella pinodes</i> in <i>Pisum sativum</i> subsp. <i>syriacum</i> . Molecular Breeding, 2008, 21, 439-454.	2.1	62
15	Locating genes associated with <i>Ascochyta fabae</i> resistance in <i>Vicia faba</i> . Australian Journal of Agricultural Research, 2003, 54, 85.	1.5	61
16	Identification of quantitative trait loci for specific mechanisms of resistance to <i>Orobanche crenata</i> Forsk. in pea (<i>Pisum sativum</i> L.). Molecular Breeding, 2010, 25, 259-272.	2.1	60
17	Identification and validation of RAPD and SCAR markers linked to the gene Er3 conferring resistance to <i>Erysiphe pisi</i> DC in pea. Molecular Breeding, 2008, 22, 193-200.	2.1	59
18	Development of a composite map in <i>Vicia faba</i> , breeding applications and future prospects. Theoretical and Applied Genetics, 2004, 108, 1079-1088.	3.6	58

#	ARTICLE	IF	CITATIONS
19	Development of a genetic composite map of <i>Vicia faba</i> using F2 populations derived from trisomic plants. <i>Theoretical and Applied Genetics</i> , 1999, 98, 736-743.	3.6	54
20	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
21	Mapping of quantitative trait loci controlling partial resistance against rust incited by <i>Uromyces pisi</i> (Pers.) Wint. in a <i>Pisum fulvum</i> L. intraspecific cross. <i>Euphytica</i> , 2010, 175, 151-159.	1.2	54
22	Locating quantitative trait loci associated with <i>Orobanche crenata</i> resistance in pea. <i>Weed Research</i> , 2004, 44, 323-328.	1.7	53
23	A reference consensus genetic map for molecular markers and economically important traits in faba bean (<i>Vicia faba</i> L.). <i>BMC Genomics</i> , 2013, 14, 932.	2.8	53
24	Quantitative trait loci of frost tolerance and physiologically related trait in faba bean (<i>Vicia faba</i> L.). <i>Euphytica</i> , 2008, 164, 93-104.	1.2	52
25	Genetic mapping of new morphological, isozyme and RAPD markers in <i>Vicia faba</i> L. using trisomics. <i>Theoretical and Applied Genetics</i> , 1996, 93, 1130-1138.	3.6	50
26	Identification of common genomic regions controlling resistance to <i>Mycosphaerella pinodes</i> , earliness and architectural traits in different pea genetic backgrounds. <i>Euphytica</i> , 2011, 182, 43-52.	1.2	50
27	Identification and characterization of NBS-LRR class resistance gene analogs in faba bean (<i>Vicia faba</i>) Tj ETQq1 1,0,784314,rgBT /O 2.0	2.0	49
28	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
29	Genetic Relationships among <i>Orobanche</i> Species as Revealed by RAPD Analysis. <i>Annals of Botany</i> , 2003, 91, 637-642.	2.9	45
30	Large-Scale Transcriptome Analysis in Faba Bean (<i>Vicia faba</i> L.) under <i>Ascochyta fabae</i> Infection. <i>PLoS ONE</i> , 2015, 10, e0135143.	2.5	43
31	Genetic diversity in <i>Orobanche crenata</i> populations from southern Spain. <i>Theoretical and Applied Genetics</i> , 2001, 103, 1108-1114.	3.6	42
32	Development and bin mapping of strawberry genic-SSRs in diploid <i>Fragaria</i> and their transferability across the <i>Rosoideae</i> subfamily. <i>Molecular Breeding</i> , 2011, 27, 137-156.	2.1	42
33	QTLs for <i>Orobanche</i> spp. resistance in faba bean: identification and validation across different environments. <i>Molecular Breeding</i> , 2013, 32, 909-922.	2.1	39
34	Faba Bean. <i>Handbook of Plant Breeding</i> , 2015, , 141-178.	0.1	38
35	Development of SCAR markers linked to <i>zt-2</i> , one of the genes controlling absence of tannins in faba bean. <i>Australian Journal of Agricultural Research</i> , 2008, 59, 62.	1.5	37
36	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

#	ARTICLE	IF	CITATIONS
37	Genetics and mapping of new isozyme loci in <i>Vicia faba</i> L using trisomics. Theoretical and Applied Genetics, 1995, 91, 783-789.	3.6	32
38	Development of SCAR markers linked to a gene controlling absence of tannins in faba bean. Molecular Breeding, 2007, 19, 305-314.	2.1	32
39	Development of a new diagnostic marker for growth habit selection in faba bean (<i>Vicia faba</i> L.) breeding. Theoretical and Applied Genetics, 2007, 115, 1075-1082.	3.6	31
40	Physical mapping of ribosomal DNA on several species of the subgenus <i>Rosa</i> . Theoretical and Applied Genetics, 2001, 103, 835-838.	3.6	30
41	Integration of new CAPS and dCAPS-RGA markers into a composite chickpea genetic map and their association with disease resistance. Theoretical and Applied Genetics, 2009, 118, 671-682.	3.6	30
42	QTLs for ascochyta blight resistance in faba bean (<i>Vicia faba</i> L.): validation in field and controlled conditions. Crop and Pasture Science, 2016, 67, 216.	1.5	25
43	Saturation mapping of regions determining resistance to Ascochyta blight and broomrape in faba bean using transcriptome-based SNP genotyping. Theoretical and Applied Genetics, 2017, 130, 2271-2282.	3.6	24
44	Development of a Simple PCR-based Marker for the Determination of Growth Habit in <i>Vicia faba</i> L. using a Candidate Gene Approach. Molecular Breeding, 2006, 17, 185-190.	2.1	23
45	Heterozygosity and diversity analysis using mapped single nucleotide polymorphisms in a faba bean inbreeding programme. Molecular Breeding, 2012, 30, 1799-1809.	2.1	22
46	Phylogenetic Analysis of <i>Uromyces</i> Species Infecting Grain and Forage Legumes by Sequence analysis of Nuclear Ribosomal Internal Transcribed Spacer Region. Journal of Phytopathology, 2011, 159, 137-145.	1.0	21
47	Characterization and diagnostic marker for TTG1 regulating tannin and anthocyanin biosynthesis in faba bean. Scientific Reports, 2019, 9, 16174.	3.3	20
48	Brief communication. New isozyme loci in faba bean (<i>Vicia faba</i> L.): genetic analysis and mapping using trisomics. Journal of Heredity, 1998, 89, 271-275.	2.4	18
49	AutoFlow, a Versatile Workflow Engine Illustrated by Assembling an Optimised de novo Transcriptome for a Non-Model Species, such as Faba Bean (<i>Vicia faba</i>). Current Bioinformatics, 2016, 11, 440-450.	1.5	17
50	Genetics of Six Components of Autofertility in <i>Vicia faba</i> . Plant Breeding, 1993, 110, 220-228.	1.9	14
51	The bHLH transcription factor VFTT8 underlies <i>zt2</i> , the locus determining zero tannin content in faba bean (<i>Vicia faba</i> L.). Scientific Reports, 2020, 10, 14299.	3.3	13
52	Identification of plant architecture and yield-related QTL in <i>Vicia faba</i> L.. Molecular Breeding, 2017, 37, 1.	2.1	12
53	Linkage mapping and QTL analysis of flowering time in faba bean. Scientific Reports, 2021, 11, 13716.	3.3	11
54	QTL dissection and mining of candidate genes for Ascochyta fabae and Orobanche crenata resistance in faba bean (<i>Vicia faba</i> L.). BMC Plant Biology, 2021, 21, 551.	3.6	10

#	ARTICLE	IF	CITATIONS
55	First approach to pod dehiscence in faba bean: genetic and histological analyses. Scientific Reports, 2020, 10, 17678.	3.3	9
56	Application of Molecular Markers for Breeding Disease Resistant Varieties in Crop Plants. , 2010, , 185-205.		9
57	VARIETAL IDENTIFICATION IN ROSA BY USING ISOZYME AND RAPD MARKERS. Acta Horticulturae, 1996, , 261-264.	0.2	6
58	How similar are the genomes of the cool season food legumes?. Current Plant Science and Biotechnology in Agriculture, 2000, , 397-410.	0.0	6
59	Up-regulation of resistance gene analogs (RGA) in chickpea in the early response to Fusarium wilt. Euphytica, 2012, 186, 793-804.	1.2	5
60	Estimation of linkage in trisomic inheritance. Theoretical and Applied Genetics, 1998, 96, 513-518.	3.6	4
61	USE OF MOLECULAR MARKERS IN TAXONOMIC STUDIES OF ROSA SP.. Acta Horticulturae, 1996, , 293-296.	0.2	3
62	Isozyme characterisation of Vicia faba germplasm: genetic interpretation and applications. Australian Journal of Agricultural Research, 2003, 54, 409.	1.5	3
63	Anchoring of genetic linkage maps to the chromosome complement of Vicia faba L.. Molecular Breeding, 2014, 33, 743-748.	2.1	3
64	Genetic mapping of new morphological, isozyme and RAPD markers in Vicia faba L. using trisomics. Theoretical and Applied Genetics, 1996, 93, 1130-1138.	3.6	3
65	Study and QTL mapping of reproductive and morphological traits implicated in the autofertility of faba bean. BMC Plant Biology, 2022, 22, 175.	3.6	3
66	Genetics, Genomics and Breeding of Cool Season Grain Legumes. Edited by M. P. de la Vega, A. M. Torres, J. I. Cubero and C. Kole. Boca Raton FL, USA: CRC Press (2011), pp.448, £95.00. ISBN 978-1578-0876-55.. Experimental Agriculture, 2012, 48, 464-465.	0.9	0