Ana M Torres

List of Publications by Year
in descending order

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	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
2	Linkage mapping and QTL analysis of flowering time in faba bean. Scientific Reports, 2021, 11, 13716.	3.3	11
3	QTL dissection and mining of candidate genes for Ascochyta fabae and Orobanche crenata resistance in faba bean (Vicia faba L.). BMC Plant Biology, 2021, 21, 551.	3.6	10
4	First approach to pod dehiscence in faba bean: genetic and histological analyses. Scientific Reports, 2020, 10, 17678.	3.3	9
5	The bHLH transcription factor VfTT8 underlies zt2, the locus determining zero tannin content in faba bean (Vicia faba L.). Scientific Reports, 2020, 10, 14299.	3.3	13
6	Characterization and diagnostic marker for TTG1 regulating tannin and anthocyanin biosynthesis in faba bean. Scientific Reports, 2019, 9, 16174.	3.3	20
7	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
8	Identification of plant architecture and yield-related QTL in Vicia faba L.. Molecular Breeding, 2017, 37, 1.	2.1	12
9	QTLs for ascochyta blight resistance in faba bean (Vicia faba L.): validation in field and controlled conditions. Crop and Pasture Science, 2016, 67, 216.	1.5	25
10	AutoFlow, a Versatile Workflow Engine Illustrated by Assembling an Optimised de novo Transcriptome for a Non-Model Species, such as Faba Bean (Vicia faba). Current Bioinformatics, 2016, 11, 440-450.	1.5	17
11	Large-Scale Transcriptome Analysis in Faba Bean (Vicia faba L.) under Ascochyta fabae Infection. PLoS ONE, 2015, 10, e0135143.	2.5	43
12	Faba Bean. Handbook of Plant Breeding, 2015, , 141-178.	0.1	38
13	Anchoring of genetic linkage maps to the chromosome complement of Vicia faba L.. Molecular Breeding, 2014, 33, 743-748.	2.1	3
14	QTLs for Orobanche spp. resistance in faba bean: identification and validation across different environments. Molecular Breeding, 2013, 32, 909-922.	2.1	39
15	A reference consensus genetic map for molecular markers and economically important traits in faba bean (Vicia fabaL.). BMC Genomics, 2013, 14, 932.	2.8	53
16	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, Â£95.00. ISBN 978-1578-0876-55.. Experimental Agriculture, 2012, 48, 464-465.	0.9	0
17	Comparative genomics to bridge Vicia faba 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
18	Up-regulation of resistance gene analogs (RGA) in chickpea in the early response to Fusarium wilt. Euphytica, 2012, 186, 793-804.	1.2	5

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19	Heterozygosity and diversity analysis using mapped single nucelotide polymorphisms in a faba bean inbreeding programme. Molecular Breeding, 2012, 30, 1799-1809.	2.1	22
20	Phylogenetic Analysis of Uromyces 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
21	Identification of common genomic regions controlling resistance to Mycosphaerella pinodes, earliness and architectural traits in different pea genetic backgrounds. Euphytica, 2011, 182, 43-52.	1.2	50
22	Development and bin mapping of strawberry genic-SSRs in diploid Fragaria and their transferability across the Rosoideae subfamily. Molecular Breeding, 2011, 27, 137-156.	2.1	42
23	Validation of QTLs for Orobanche crenata resistance in faba bean (Vicia faba L.) across environments and generations. Theoretical and Applied Genetics, 2010, 120, 909-919.	3.6	54
24	Identification of quantitative trait loci for specific mechanisms of resistance to Orobanche crenata Forsk. in pea (Pisum sativum L.). Molecular Breeding, 2010, 25, 259-272.	2.1	60
25	Mapping of quantitative trait loci controlling partial resistance against rust incited by Uromyces pisi (Pers.) Wint. in a Pisum fulvum L. intraspecific cross. Euphytica, 2010, 175, 151-159.	1.2	54
26	Marker-assisted selection in faba bean (Vicia faba L.). Field Crops Research, 2010, 115, 243-252.	5.1	88
27	Application of Molecular Markers for Breeding Disease Resistant Varieties in Crop Plants. , 2010, , 185-205.		9
28	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
29	Confirmation of QTLs controlling Ascochyta fabae resistance in different generations of faba bean (Vicia faba L.). Crop and Pasture Science, 2009, 60, 353.	1.5	35
30	Mapping of quantitative trait loci for resistance to Mycosphaerella pinodes in Pisum sativum subsp. syriacum. Molecular Breeding, 2008, 21, 439-454.	2.1	62
31	Identification and validation of RAPD and SCAR markers linked to the gene Er3 conferring resistance to Erysiphe pisi DC in pea. Molecular Breeding, 2008, 22, 193-200.	2.1	59
32	Quantitative trait loci of frost tolerance and physiologically related trait in faba bean (Vicia faba L.). Euphytica, 2008, 164, 93-104.	1.2	52
33	Development of SCAR markers linked to zt-2, one of the genes controlling absence of tannins in faba bean. Australian Journal of Agricultural Research, 2008, 59, 62.	1.5	37
34	Identification of a New Gene for Resistance to Powdery Mildew in Pisum fulvum, a Wild Relative of Pea. Breeding Science, 2007, 57, 181-184.	1.9	84
35	Development of a new diagnostic marker for growth habit selection in faba bean (Vicia faba L.) breeding. Theoretical and Applied Genetics, 2007, 115, 1075-1082.	3.6	31
36	Development of SCAR markers linked to a gene controlling absence of tannins in faba bean. Molecular Breeding, 2007, 19, 305-314.	2.1	32

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37	Identification and characterization of NBSâ€“LRR class resistance gene analogs in faba bean (Vicia faba) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	49
38	Faba bean breeding for resistance against biotic stresses: Towards application of marker technology. Euphytica, 2006, 147, 67-80.	1.2	104
39	Development of a Simple PCR-based Marker for the Determination of Growth Habit in Vicia faba L. using a Candidate Gene Approach. Molecular Breeding, 2006, 17, 185-190.	2.1	23
40	CAPs markers to assist selection for low vicine and convicine contents in faba bean (Vicia faba L.). Theoretical and Applied Genetics, 2006, 114, 59-66.	3.6	64
41	Cross-species amplification of Medicago truncatula microsatellites across three major pulse crops. Theoretical and Applied Genetics, 2005, 110, 1210-1217.	3.6	127
42	Genetic mapping of QTLs controlling horticultural traits in diploid roses. Theoretical and Applied Genetics, 2005, 111, 511-520.	3.6	88
43	Locating quantitative trait loci associated with Orobanche crenata resistance in pea. Weed Research, 2004, 44, 323-328.	1.7	53
44	Isolate and organ-specific QTLs for ascochyta blight resistance in faba bean (Vicia faba L).. Theoretical and Applied Genetics, 2004, 108, 1071-1078.	3.6	94
45	Development of a composite map in Vicia faba, breeding applications and future prospects. Theoretical and Applied Genetics, 2004, 108, 1079-1088.	3.6	58
46	Identification of RAPD markers linked to the Uvf-1 gene conferring hypersensitive resistance against rust (Uromyces viciae-fabae) in Vicia faba L.. Theoretical and Applied Genetics, 2003, 107, 353-358.	3.6	77
47	Genetic Relationships among Orobanche Species as Revealed by RAPD Analysis. Annals of Botany, 2003, 91, 637-642.	2.9	45
48	Isozyme characterisation of Vicia faba germplasm: genetic interpretation and applications. Australian Journal of Agricultural Research, 2003, 54, 409.	1.5	3
49	Locating genes associated with Ascochyta fabae resistance in Vicia faba. Australian Journal of Agricultural Research, 2003, 54, 85.	1.5	61
50	Variation Among and Within Populations of the Parasitic Weed Orobanche crenata from Spain and Israel Revealed by Inter Simple Sequence Repeat Markers. Phytopathology, 2002, 92, 1262-1266.	2.2	46
51	Mapping of quantitative trait loci controlling broomrape (Orobanche crenataForsk.) resistance in faba bean (Vicia fabaL.). Genome, 2002, 45, 1057-1063.	2.0	103
52	Development and Characterization of Microsatellite Markers from Chromosome 1-Specific DNA Libraries of Vicia Faba. Biologia Plantarum, 2002, 45, 337-345.	1.9	87
53	Genetic diversity in Orobanche crenata populations from southern Spain. Theoretical and Applied Genetics, 2001, 103, 1108-1114.	3.6	42
54	Physical mapping of ribosomal DNA on several species of the subgenus Rosa. Theoretical and Applied Genetics, 2001, 103, 835-838.	3.6	30

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55	How similar are the genomes of the cool season food legumes?. Current Plant Science and Biotechnology in Agriculture, 2000, , 397-410.	0.0	6
56	Development of a genetic composite map of Vicia faba using F2 populations derived from trisomic plants. Theoretical and Applied Genetics, 1999, 98, 736-743.	3.6	54
57	Estimation of linkage in trisomic inheritance. Theoretical and Applied Genetics, 1998, 96, 513-518.	3.6	4
58	Brief communication. New isozyme loci in faba bean (Vicia faba L.): genetic analysis and mapping using trisomics. Journal of Heredity, 1998, 89, 271-275.	2.4	18
59	VARIETAL IDENTIFICATION IN ROSA BY USING ISOZYME AND RAPD MARKERS. Acta Horticulturae, 1996, , 261-264.	0.2	6
60	USE OF MOLECULAR MARKERS IN TAXONOMIC STUDIES OF ROSA SP.. Acta Horticulturae, 1996, , 293-296.	0.2	3
61	Using RAPDs to study phylogenetic relationships in Rosa. Theoretical and Applied Genetics, 1996, 92, 273-277.	3.6	115
62	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	50
63	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
64	Genetics and mapping of new isozyme loci in Vicia faba L using trisomics. Theoretical and Applied Genetics, 1995, 91, 783-789.	3.6	32
65	Linkage among isozyme, RFLP and RAPD markers in Vicia faba. Theoretical and Applied Genetics, 1993, 85, 937-945.	3.6	277
66	Genetics of Six Components of Autofertility in Vicia faba. Plant Breeding, 1993, 110, 220-228.	1.9	14