

# 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

126858

33  
h-index

168321

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> . <i>Theoretical and Applied Genetics</i> , 1993, 85, 937-945.	1.8	277
2	Cross-species amplification of <i>Medicago truncatula</i> microsatellites across three major pulse crops. <i>Theoretical and Applied Genetics</i> , 2005, 110, 1210-1217.	1.8	127
3	Using RAPDs to study phylogenetic relationships in <i>Rosa</i> . <i>Theoretical and Applied Genetics</i> , 1996, 92, 273-277.	1.8	115
4	Faba bean breeding for resistance against biotic stresses: Towards application of marker technology. <i>Euphytica</i> , 2006, 147, 67-80.	0.6	104
5	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.	0.9	103
6	Isolate and organ-specific QTLs for ascochyta blight resistance in faba bean ( <i>Vicia faba</i> L.). <i>Theoretical and Applied Genetics</i> , 2004, 108, 1071-1078.	1.8	94
7	Genetic mapping of QTLs controlling horticultural traits in diploid roses. <i>Theoretical and Applied Genetics</i> , 2005, 111, 511-520.	1.8	88
8	Marker-assisted selection in faba bean ( <i>Vicia faba</i> L.). <i>Field Crops Research</i> , 2010, 115, 243-252.	2.3	88
9	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
10	Identification of a New Gene for Resistance to Powdery Mildew in <i>Pisum fulvum</i> , a Wild Relative of Pea. <i>Breeding Science</i> , 2007, 57, 181-184.	0.9	84
11	Identification of RAPD markers linked to the <i>Uvf-1</i> gene conferring hypersensitive resistance against rust ( <i>Uromyces viciae-fabae</i> ) in <i>Vicia faba</i> L.. <i>Theoretical and Applied Genetics</i> , 2003, 107, 353-358.	1.8	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. <i>Theoretical and Applied Genetics</i> , 2012, 125, 1767-1782.	1.8	69
13	CAPs markers to assist selection for low vicine and convicine contents in faba bean ( <i>Vicia faba</i> L.). <i>Theoretical and Applied Genetics</i> , 2006, 114, 59-66.	1.8	64
14	Mapping of quantitative trait loci for resistance to <i>Mycosphaerella pinodes</i> in <i>Pisum sativum</i> subsp. <i>syriacum</i> . <i>Molecular Breeding</i> , 2008, 21, 439-454.	1.0	62
15	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
16	Identification of quantitative trait loci for specific mechanisms of resistance to <i>Orobanche crenata</i> Forsk. in pea ( <i>Pisum sativum</i> L.). <i>Molecular Breeding</i> , 2010, 25, 259-272.	1.0	60
17	Identification and validation of RAPD and SCAR markers linked to the gene <i>Er3</i> conferring resistance to <i>Erysiphe pisi</i> DC in pea. <i>Molecular Breeding</i> , 2008, 22, 193-200.	1.0	59
18	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.	1.8	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.	1.8	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.	1.8	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.	0.6	54
22	Locating quantitative trait loci associated with <i>Orobanche crenata</i> resistance in pea. <i>Weed Research</i> , 2004, 44, 323-328.	0.8	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.	1.2	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.	0.6	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.	1.8	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.	0.6	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 / C 0,9 49	1.0	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.	1.1	46
29	Genetic Relationships among <i>Orobanche</i> Species as Revealed by RAPD Analysis. <i>Annals of Botany</i> , 2003, 91, 637-642.	1.4	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.	1.1	43
31	Genetic diversity in <i>Orobanche crenata</i> populations from southern Spain. <i>Theoretical and Applied Genetics</i> , 2001, 103, 1108-1114.	1.8	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.	1.0	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.	1.0	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.	0.7	35

#	ARTICLE	IF	CITATIONS
37	Genetics and mapping of new isozyme loci in <i>Vicia faba</i> L using trisomics. <i>Theoretical and Applied Genetics</i> , 1995, 91, 783-789.	1.8	32
38	Development of SCAR markers linked to a gene controlling absence of tannins in faba bean. <i>Molecular Breeding</i> , 2007, 19, 305-314.	1.0	32
39	Development of a new diagnostic marker for growth habit selection in faba bean ( <i>Vicia faba</i> L.) breeding. <i>Theoretical and Applied Genetics</i> , 2007, 115, 1075-1082.	1.8	31
40	Physical mapping of ribosomal DNA on several species of the subgenus <i>Rosa</i> . <i>Theoretical and Applied Genetics</i> , 2001, 103, 835-838.	1.8	30
41	Integration of new CAPS and dCAPS-RGA markers into a composite chickpea genetic map and their association with disease resistance. <i>Theoretical and Applied Genetics</i> , 2009, 118, 671-682.	1.8	30
42	QTLs for ascochyta blight resistance in faba bean ( <i>Vicia faba</i> L.): validation in field and controlled conditions. <i>Crop and Pasture Science</i> , 2016, 67, 216.	0.7	25
43	Saturation mapping of regions determining resistance to <i>Ascochyta</i> blight and broomrape in faba bean using transcriptome-based SNP genotyping. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2271-2282.	1.8	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. <i>Molecular Breeding</i> , 2006, 17, 185-190.	1.0	23
45	Heterozygosity and diversity analysis using mapped single nucleotide polymorphisms in a faba bean inbreeding programme. <i>Molecular Breeding</i> , 2012, 30, 1799-1809.	1.0	22
46	Phylogenetic Analysis of <i>Uromyces</i> Species Infecting Grain and Forage Legumes by Sequence analysis of Nuclear Ribosomal Internal Transcribed Spacer Region. <i>Journal of Phytopathology</i> , 2011, 159, 137-145.	0.5	21
47	Characterization and diagnostic marker for TTG1 regulating tannin and anthocyanin biosynthesis in faba bean. <i>Scientific Reports</i> , 2019, 9, 16174.	1.6	20
48	Brief communication. New isozyme loci in faba bean ( <i>Vicia faba</i> L.): genetic analysis and mapping using trisomics. <i>Journal of Heredity</i> , 1998, 89, 271-275.	1.0	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> ). <i>Current Bioinformatics</i> , 2016, 11, 440-450.	0.7	17
50	Genetics of Six Components of Autofertility in <i>Vicia faba</i> . <i>Plant Breeding</i> , 1993, 110, 220-228.	1.0	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.). <i>Scientific Reports</i> , 2020, 10, 14299.	1.6	13
52	Identification of plant architecture and yield-related QTL in <i>Vicia faba</i> L.. <i>Molecular Breeding</i> , 2017, 37, 1.	1.0	12
53	Linkage mapping and QTL analysis of flowering time in faba bean. <i>Scientific Reports</i> , 2021, 11, 13716.	1.6	11
54	QTL dissection and mining of candidate genes for <i>Ascochyta fabae</i> and <i>Orobanche crenata</i> resistance in faba bean ( <i>Vicia faba</i> L.). <i>BMC Plant Biology</i> , 2021, 21, 551.	1.6	10

#	ARTICLE	IF	CITATIONS
55	First approach to pod dehiscence in faba bean: genetic and histological analyses. <i>Scientific Reports</i> , 2020, 10, 17678.	1.6	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. <i>Acta Horticulturae</i> , 1996, , 261-264.	0.1	6
58	How similar are the genomes of the cool season food legumes?. <i>Current Plant Science and Biotechnology in Agriculture</i> , 2000, , 397-410.	0.0	6
59	Up-regulation of resistance gene analogs (RGA) in chickpea in the early response to Fusarium wilt. <i>Euphytica</i> , 2012, 186, 793-804.	0.6	5
60	Estimation of linkage in trisomic inheritance. <i>Theoretical and Applied Genetics</i> , 1998, 96, 513-518.	1.8	4
61	USE OF MOLECULAR MARKERS IN TAXONOMIC STUDIES OF ROSA SP.. <i>Acta Horticulturae</i> , 1996, , 293-296.	0.1	3
62	Isozyme characterisation of <i>Vicia faba</i> germplasm: genetic interpretation and applications. <i>Australian Journal of Agricultural Research</i> , 2003, 54, 409.	1.5	3
63	Anchoring of genetic linkage maps to the chromosome complement of <i>Vicia faba</i> L.. <i>Molecular Breeding</i> , 2014, 33, 743-748.	1.0	3
64	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.	1.8	3
65	Study and QTL mapping of reproductive and morphological traits implicated in the autofertility of faba bean. <i>BMC Plant Biology</i> , 2022, 22, 175.	1.6	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.. <i>Experimental Agriculture</i> , 2012, 48, 464-465.	0.4	0