Fatemeh Maghuly

List of Publications by Year
in descending order

51	935	430874 18	501196 28
papers	citations	h-index	g-index

57	57	57	1198
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Jatropha curcas, a biofuel crop: Functional genomics for understanding metabolic pathways and genetic improvement. Biotechnology Journal, 2013, 8, 1172-1182.	3.5	78
2	Microsatellite variability in apricots (Prunus armeniaca L.) reflects their geographic origin and breeding history. Tree Genetics and Genomes, 2005, 1, 151-165.	1.6	68
3	Mapping of Malus domestica allergens by 2â€Ð electrophoresis and IgEâ€reactivity. Electrophoresis, 2007, 28, 437-448.	2.4	49
4	High-quality assembly of the reference genome for scarlet sage, Salvia splendens, an economically important ornamental plant. GigaScience, 2018, 7, .	6.4	49
5	Molecular characterization of grapevine plants transformed with GFLV resistance genes: II. Plant Cell Reports, 2006, 25, 546-553.	5.6	46
6	Transgene silencing in grapevines transformed with GFLV resistance genes: analysis of variable expression of transgene, siRNAs production and cytosine methylation. Transgenic Research, 2010, 19, 17-27.	2.4	43
7	Geographic origin is not supported by the genetic variability found in a large living collection of Jatropha curcas with accessions from three continents. Biotechnology Journal, 2015, 10, 536-551.	3.5	42
8	Genetic diversity in managed subpopulations of Norway spruce [Picea abies (L.) Karst.]. Forest Ecology and Management, 2006, 222, 266-271.	3.2	41
9	Genome sequence ofMalania oleifera, a tree with great value for nervonic acid production. GigaScience, 2019, 8, .	6.4	36
10	Conformational changes of Mal d 2, a thaumatin-like apple allergen, induced by food processing. Food Chemistry, 2009, 112, 803-811.	8.2	33
11	Identification of four IgEâ€reactive proteins in raspberry (Rubus ideaeus L.). Molecular Nutrition and Food Research, 2008, 52, 1497-1506.	3.3	32
12	Mapping of fruit allergens by 2D electrophoresis and immunodetection. Expert Review of Proteomics, 2008, 5, 61-75.	3.0	32
13	Application of Genome Editing in Tomato Breeding: Mechanisms, Advances, and Prospects. International Journal of Molecular Sciences, 2021, 22, 682.	4.1	29
14	Chemical and Physical Mutagenesis in Jatropha curcas. , 2017, , 21-38.		25
15	Long-term stability of marker gene expression in Prunus subhirtella: A model fruit tree species. Journal of Biotechnology, 2007, 127, 310-321.	3.8	24
16	Expression of calmodulin and lipid transfer protein genes in Prunus incisa x serrula under different stress conditions. Tree Physiology, 2009, 29, 437-444.	3.1	23
17	Characterization of T-DNA insertions in transgenic grapevines obtained by Agrobacterium-mediated transformation. Molecular Breeding, 2009, 24, 305-320.	2.1	23
18	Biotechnological approaches to determine the impact of viruses in the energy crop plant Jatropha curcas. Virology Journal, 2011, 8, 386.	3.4	22

#	Article	IF	Citations
19	Localization of gene expression, tissue specificity of Populus xylosyltransferase genes by isolation and functional characterization of their promoters. Plant Cell, Tissue and Organ Culture, 2018, 134, 503-508.	2.3	22
20	Biotechnological approaches to growing green energy from Jatropha curcas : challenges due to the undomesticated status of the species.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-13.	1.0	19
21	Stress regulated expression of the GUS-marker gene (uidA) under the control of plant calmodulin and viral 35S promoters in a model fruit tree rootstock: Prunus incisaÃ—serrula. Journal of Biotechnology, 2008, 135, 105-116.	3.8	17
22	Virus versus Host Plant MicroRNAs: Who Determines the Outcome of the Interaction?. PLoS ONE, 2014, 9, e98263.	2.5	16
23	Occurrence of African cassava mosaic virus (ACMV) and East African cassava mosaic virus â€“ Uganda (EACMV-UG) in Jatropha curcas. BMC Proceedings, 2011, 5, P93.	1.6	15
24	Differentiation among Austrian populations of Norway spruce [Picea abies (L.) Karst.] assayed by mitochondrial DNA markers. Tree Genetics and Genomes, 2007, 3, 199-206.	1.6	14
25	Biotechnology of temperate fruit trees and grapevines.. Acta Biochimica Polonica, 2019, 52, 673-678.	0.5	12
26	Screening and identification of putative allergens in berry fruits of the Rosaceae family: Technical challenges. BioFactors, 2008, 34, 37-46.	5.4	11
27	Genome size, karyotyping and FISH physical mapping of 45S and 5S genes in two cherry rootstocks: Prunus subhirtella and Prunus incisa Ã— serrula. Journal of Biotechnology, 2010, 149, 88-94.	3.8	10
28	The complete chloroplast genome sequence annotation for Malania oleifera, a critically endangered and important bioresource tree. Conservation Genetics Resources, 2019, 11, 271-274.	0.8	10
29	The Pattern and Distribution of Induced Mutations in J. curcas Using Reduced Representation Sequencing. Frontiers in Plant Science, 2018, 9, 524.	3.6	9
30	Improving coffee species for pathogen resistance. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , .	1.0	9
31	Functional Genomics of Allergen Gene Families in Fruits. Nutrients, 2009, 1, 119-132.	4.1	8
32	Awareness and knowledge of allergens: A need and a challenge to assure a safe and healthy consumption of small fruits. Journal of Berry Research, 2010, 1, 61-71.	1.4	7
33	Determination of viral infections in an Austrian collection of Canna indica. Journal of Plant Diseases and Protection, 2008, 115, 102-103.	2.9	6
34	Impact of Sulfur and Vitamin C on the Allergenicity of Mal d 2 from Apple (Malus domestica). Journal of Agricultural and Food Chemistry, 2014, 62, 7622-7630.	5.2	6
35	Genetic Diversity and Population Structure of Apricot (Prunus armeniaca L.) from Northern Pakistan using Simple Sequence Repeats. Silvae Genetica, 2008, 57, 157-164.	0.8	6
36	Genome Wide Identification and Annotation of NGATHA Transcription Factor Family in Crop Plants. International Journal of Molecular Sciences, 2022, 23, 7063.	4.1	5

#	Article	IF	Citations
37	MICROSATELLITE CHARACTERISATION OF APRICOT (PRUNUS ARMENIACA) CULTIVARS GROWN IN CENTRAL EUROPE. Acta Horticulturae, 2006, , 207-212.	0.2	4
38	Biotechnology of Euphorbiaceae (Jatropha curcas, Manihot esculenta, Ricinus communis). , 2015, , 87-114.		4
39	Editorial: Sustainable production of renewable energy from nonâ€food crops. Biotechnology Journal, 2015, 10, 503-503.	3.5	3
40	Forward and Reverse Genetics for the Improvement of Jatropha. Compendium of Plant Genomes, 2017, , 131-148.	0.5	3
41	Functional Genomics for Plant Breeding. International Journal of Molecular Sciences, 2021, 22, 11854.	4.1	3
42	Investigation of genetic variation in Jatropha curcasby Ecotilling and ISSR. BMC Proceedings, 2011, 5, .	1.6	2
43	Proteomics, a systems biology based approach to investigations of Jatropha curcasseeds. BMC Proceedings, 2011, 5, .	1.6	2
44	Gene expression profiling identifies pathways involved in seed maturation of Jatropha curcas. BMC Genomics, 2020, 21, 290.	2.8	2
45	Editorial: Omics Technologies Toward Systems Biology. Frontiers in Genetics, 2021, 12, 756847.	2.3	2
46	Proteome Analyses of Jatropha curcas. , 2017, , 203-223.		2
47	Editorial: Functional Genomics in Plant Breeding 2.0. International Journal of Molecular Sciences, 2022, 23, 6959.	4.1	2
48	Microsatellite variability between apricot and related Prunusspecies. BMC Proceedings, 2011, 5, .	1.6	1
49	ALLERGOMICS OF BERRY FRUITS. Acta Horticulturae, 2012, , 663-668.	0.2	0
50	Genomics of grapevine: from genomics research on model plants to crops and from science to grapevine breeding. , 2013, , 119-148.		0
51	Mutagenesis of in vitro explants of Coffea spp. to induce fungal resistance.. , 2021, , 344-352.		0