Abdelali Barakat

List of Publications by Year
in descending order

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33
papers

4,508
citations

257450
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395702
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33
all docs

33
docs citations

33
times ranked

6226
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA profiles in Sorghum exposed to individual drought or heat or their combination. Journal of Plant Biochemistry and Biotechnology, 2021, 30, 848-861.	1.7	4
2	Genome reorganization of the GmSHMT gene family in soybean showed a lack of functional redundancy in resistance to soybean cyst nematode. Scientific Reports, 2019, 9, 1506.	3.3	24
3	Characterization of the Soluble NSF Attachment Protein gene family identifies two members involved in additive resistance to a plant pathogen. Scientific Reports, 2017, 7, 45226.	3.3	69
4	Effect of Drought on Herbivore-Induced Plant Gene Expression: Population Comparison for Range Limit Inferences. Plants, 2016, 5, 13.	3.5	4
5	Characterization of drought- and heat-responsive microRNAs in switchgrass. Plant Science, 2016, 242, 214-223.	3.6	81
6	The Genetic Control of Bud-Break in Trees. Advances in Botanical Research, 2015, , 201-228.	1.1	30
7	Lignin and lignans in plant defence: Insight from expression profiling of cinnamyl alcohol dehydrogenase genes during development and following fungal infection in Populus. Plant Science, 2014, 229, 111-121.	3.6	57
8	Characterization of the basal angiosperm Aristolochia fimbriata: a potential experimental system for genetic studies. BMC Plant Biology, 2013, 13, 13.	3.6	22
9	A physical map of the Chinese chestnut (Castanea mollissima) genome and its integration with the genetic map. Tree Genetics and Genomes, 2013, 9, 525-537.	1.6	36
10	The high-quality draft genome of peach (Prunus persica) identifies unique patterns of genetic diversity, domestication and genome evolution. Nature Genetics, 2013, 45, 487-494.	21.4	1,031
11	Genome wide identification of chilling responsive microRNAs in Prunus persica. BMC Genomics, 2012, 13, 481.	2.8	126
12	Chestnut resistance to the blight disease: insights from transcriptome analysis. BMC Plant Biology, 2012, 12, 38.	3.6	68
13	Overexpression of Constans Homologs CO1 and CO2 Fails to Alter Normal Reproductive Onset and Fall Bud Set in Woody Perennial Poplar. PLoS ONE, 2012, 7, e45448.	2.5	48
14	Comparative genomics and evolutionary analyses of the O-methyltransferase gene family in Populus. Gene, 2011, 479, 37-46.	2.2	40
15	Comparative and phylogenomic analyses of cinnamoyl-CoA reductase and cinnamoyl-CoA-reductase-like gene family in land plants. Plant Science, 2011, 181, 249-257.	3.6	42
16	Organization of the chromosome region harboring a FLORICAULA/LEAFY gene in Liriodendron. Tree Genetics and Genomes, 2011, 7, 373-384.	1.6	4
17	Generation of a large-scale genomic resource for functional and comparative genomics in Liriodendron tulipifera L.. Tree Genetics and Genomes, 2011, 7, 941-954.	1.6	13
18	<i>FLOWERING LOCUS T</i> duplication coordinates reproductive and vegetative growth in perennial poplar. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10756-10761.	7.1	370

#	Article	IF	Citations
19	Phylogeny and expression profiling of CAD and CAD-like genes in hybrid Populus (P. deltoides Ã— P.) Tj ETQq1 1 0.784314 rgBT /Overlo Plant Biology, 2010, 10, 100.	3.6	69
20	Comparison of gene order of GIGANTEA loci in yellow-poplar, monocots, and eudicots. Genome, 2010, 53, 533-544.	2.0	6
21	Comparison of next generation sequencing technologies for transcriptome characterization. BMC Genomics, 2009, 10, 347.	2.8	168
22	The cinnamyl alcohol dehydrogenase gene family in Populus: phylogeny, organization, and expression. BMC Plant Biology, 2009, 9, 26.	3.6	125
23	Comparison of the transcriptomes of American chestnut (Castanea dentata) and Chinese chestnut (Castanea mollissima) in response to the chestnut blight infection. BMC Plant Biology, 2009, 9, 51.	3.6	197
24	Molecular evolutionary analyses of the Arabidopsis L7 ribosomal protein gene family. Gene, 2007, 403, 143-150.	2.2	3
25	Largeâ€scale identification of microRNAs from a basal eudicot (<i>Eschscholzia californica</i>) and conservation in flowering plants. Plant Journal, 2007, 51, 991-1003.	5.7	77
26	Conservation and divergence of microRNAs in Populus. BMC Genomics, 2007, 8, 481.	2.8	138
27	Widespread genome duplications throughout the history of flowering plants. Genome Research, 2006, 16, 738-749.	5.5	664
28	Comparative mapping between potato (Solanum tuberosum) and Arabidopsis thaliana reveals structurally conserved domains and ancient duplications in the potato genome. Plant Journal, 2003, 34, 529-541.	5.7	73
29	Plant genome archaeology: evidence for conserved ancestral chromosome segments in dicotyledonous plant species. Plant Biotechnology Journal, 2003, 1, 91-99.	8.3	46
30	The Organization of Cytoplasmic Ribosomal Protein Genes in the Arabidopsis Genome. Plant Physiology, 2001, 127, 398-415.	4.8	272
31	Extensive Duplication and Reshuffling in the Arabidopsis Genome. Plant Cell, 2000, 12, 1093-1101.	6.6	512
32	The distribution of T-DNA in the genomes of transgenic Arabidopsis and rice. FEBS Letters, 2000, 471, 161-164.	2.8	70
33	The gene distribution in the genomes of pea, tomato and date palm. FEBS Letters, 1999, 463, 139-142.	2.8	19