

Ahmed Bahieldin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

1,096
citations

17
h-index

32
g-index

47
ext. papers

1,317
ext. citations

2.8
avg, IF

3.76
L-index

#	Paper	IF	Citations
45	Improved biomass productivity and water use efficiency under water deficit conditions in transgenic wheat constitutively expressing the barley HVA1 gene. <i>Plant Science</i> , 2000 , 155, 1-9	5.3	369
44	Field evaluation of transgenic wheat plants stably expressing the HVA1 gene for drought tolerance. <i>Physiologia Plantarum</i> , 2005 , 123, 421-427	4.6	124
43	Transposable elements domesticated and neofunctionalized by eukaryotic genomes. <i>Plasmid</i> , 2013 , 69, 1-15	3.3	54
42	Thermopriming reprograms metabolic homeostasis to confer heat tolerance. <i>Scientific Reports</i> , 2019 , 9, 181	4.9	45
41	RNA-Seq analysis of the wild barley (<i>H. spontaneum</i>) leaf transcriptome under salt stress. <i>Comptes Rendus - Biologies</i> , 2015 , 338, 285-97	1.4	45
40	Ethylene responsive transcription factor ERF109 retards PCD and improves salt tolerance in plant. <i>BMC Plant Biology</i> , 2016 , 16, 216	5.3	44
39	Whole mitochondrial and plastid genome SNP analysis of nine date palm cultivars reveals plastid heteroplasmy and close phylogenetic relationships among cultivars. <i>PLoS ONE</i> , 2014 , 9, e94158	3.7	39
38	Environmental stress activation of plant long-terminal repeat retrotransposons. <i>Functional Plant Biology</i> , 2014 , 41, 557-567	2.7	25
37	Conserved gene order and expanded inverted repeats characterize plastid genomes of Thalassiosirales. <i>PLoS ONE</i> , 2014 , 9, e107854	3.7	25
36	Production of fertile transgenic wheat plants by laser micropuncture. <i>Photochemical and Photobiological Sciences</i> , 2005 , 4, 803-7	4.2	24
35	Analysis of transcriptional response to heat stress in <i>Rhazya stricta</i> . <i>BMC Plant Biology</i> , 2016 , 16, 252	5.3	24
34	Construction of naïve camelids VHH repertoire in phage display-based library. <i>Comptes Rendus - Biologies</i> , 2014 , 337, 244-9	1.4	22
33	Metabolomic response of <i>Calotropis procera</i> growing in the desert to changes in water availability. <i>PLoS ONE</i> , 2014 , 9, e87895	3.7	21
32	Efficient production of lycopene in <i>Saccharomyces cerevisiae</i> by expression of synthetic crt genes from a plasmid harboring the ADH2 promoter. <i>Plasmid</i> , 2014 , 72, 18-28	3.3	20
31	Developing transgenic wheat to encounter rusts and powdery mildew by overexpressing barley gene for fungal resistance. <i>Plant Methods</i> , 2017 , 13, 41	5.8	19
30	Transcriptomic and metabolic responses of <i>Calotropis procera</i> to salt and drought stress. <i>BMC Plant Biology</i> , 2017 , 17, 231	5.3	19
29	Transcriptomic analysis of salt stress responsive genes in <i>Rhazya stricta</i> . <i>PLoS ONE</i> , 2017 , 12, e0177589	3.7	18

28	Development of transgenic wheat (<i>Triticum aestivum</i> L.) expressing avidin gene conferring resistance to stored product insects. <i>BMC Plant Biology</i> , 2015 , 15, 183	5.3	17
27	Characterization of ten date palm (<i>Phoenix dactylifera</i> L.) cultivars from Saudi Arabia using AFLP and ISSR markers. <i>Comptes Rendus - Biologies</i> , 2014 , 337, 6-18	1.4	17
26	Multifunctional activities of ERF109 as affected by salt stress in Arabidopsis. <i>Scientific Reports</i> , 2018 , 8, 6403	4.9	15
25	Retrotransposon-based molecular markers for assessment of genomic diversity. <i>Functional Plant Biology</i> , 2014 , 41, 781-789	2.7	13
24	Evidence for non-proteinaceous inhibitor(s) of β -glucuronidase in wheat (<i>Triticum aestivum</i> L.) leaf and root tissues. <i>Plant Cell, Tissue and Organ Culture</i> , 2005 , 82, 11-17	2.7	12
23	Control of glycerol biosynthesis under high salt stress in Arabidopsis. <i>Functional Plant Biology</i> , 2013 , 41, 87-95	2.7	11
22	Concentration effects of dicamba on shoot regeneration in wheat. <i>Plant Breeding</i> , 2000 , 119, 437-439	2.4	11
21	Detection of a Usp-like gene in <i>Calotropis procera</i> plant from the de novo assembled genome contigs of the high-throughput sequencing dataset. <i>Comptes Rendus - Biologies</i> , 2014 , 337, 86-94	1.4	10
20	Dysbiosis of gut microbiota in inflammatory bowel disease: Current therapies and potential for microbiota-modulating therapeutic approaches. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021 , 21, 270-283	3.3	8
19	Corrected sequence of the wheat plastid genome. <i>Comptes Rendus - Biologies</i> , 2014 , 337, 499-502	1.4	6
18	Characterization of inhibitor(s) of β -glucuronidase enzyme activity in GUS-transgenic wheat. <i>Plant Cell, Tissue and Organ Culture</i> , 2011 , 107, 373-381	2.7	6
17	The Human Gut Microbiome as a Potential Factor in Autism Spectrum Disorder.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	6
16	Control of β -sitosterol biosynthesis under light and watering in desert plant <i>Calotropis procera</i> . <i>Steroids</i> , 2019 , 141, 1-8	2.8	6
15	Structural identification of putative USPs in <i>Catharanthus roseus</i> . <i>Comptes Rendus - Biologies</i> , 2015 , 338, 643-9	1.4	5
14	Thymoquinone causes multiple effects, including cell death, on dividing plant cells. <i>Comptes Rendus - Biologies</i> , 2013 , 336, 546-56	1.4	3
13	Suppression of PCD-related genes affects salt tolerance in Arabidopsis. <i>Comptes Rendus - Biologies</i> , 2016 , 339, 105-14	1.4	3
12	Transcription factors regulating uspA genes in <i>Catharanthus roseus</i> . <i>Comptes Rendus - Biologies</i> , 2017 , 340, 1-6	1.4	2
11	Stepwise response of MeJA-induced genes and pathways in leaves of <i>C. roseus</i> . <i>Comptes Rendus - Biologies</i> , 2018 , 341, 411-420	1.4	2

10	Rapid detection of type II diabetes mellitus in Saudi patients via simultaneous screening of multiple SNPs. <i>Biotechnology and Biotechnological Equipment</i> , 2019 , 33, 1319-1326	1.6	1
9	Detection of phytochrome-like genes from <i>Rhazya stricta</i> (Apocynaceae) using de novo genome assembly. <i>Comptes Rendus - Biologies</i> , 2013 , 336, 521-9	1.4	1
8	Expression, detection of candidate function and homology modeling for <i>Vicia villosa</i> ornithine Aminotransferase. <i>GM Crops</i> , 2010 , 1, 250-6		1
7	Comparison of Plastome SNPs/INDELS among different Wheat (<i>Triticum</i> sp.) Cultivars. <i>Biosciences, Biotechnology Research Asia</i> , 2020 , 17, 27-44	0.5	1
6	Molecular Mechanisms Underlying Salt Stress Tolerance in Jojoba (<i>Simmondsia Chinensis</i>). <i>Biosciences, Biotechnology Research Asia</i> , 2021 , 18, 37-57	0.5	1
5	Mitochondrial genome SNPs analysis of eight barley genotypes displaying hot spot regions, phylogenetic relationships and heteroplasmy. <i>Plant Biosystems</i> , 2021 , 155, 109-115	1.6	1
4	Differential expression of genes contributing to PCD triggered by exogenous oxalic acid in tomato (<i>Solanum lycopersicum</i>). <i>Plant Biosystems</i> , 2021 , 155, 871-877	1.6	0
3	A New PCR-Based Species Genotyping Differentiation Approach in <i>Entamoeba</i> . <i>Biosciences, Biotechnology Research Asia</i> , 2019 , 16, 491-508	0.5	
2	Transcriptional analysis of <i>Rhazya stricta</i> in response to jasmonic acid. <i>Electronic Journal of Biotechnology</i> , 2021 , 50, 68-76	3.1	
1	Gut Microbiome of Two Different Honeybee Workers Subspecies In Saudi Arabia.. <i>Biosciences, Biotechnology Research Asia</i> , 2021 , 17, 659-671	0.5	