

Iftikhar Ali

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,061
citations

759233

12
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1504
citing authors

#	ARTICLE	IF	CITATIONS
1	Drought Induced Changes in Growth, Osmolyte Accumulation and Antioxidant Metabolism of Three Maize Hybrids. <i>Frontiers in Plant Science</i> , 2017, 08, 69.	3.6	368
2	New Insights into 5hmC DNA Modification: Generation, Distribution and Function. <i>Frontiers in Genetics</i> , 2017, 8, 100.	2.3	166
3	Seed priming by sodium nitroprusside improves salt tolerance in wheat (<i>Triticum aestivum</i> L.) by enhancing physiological and biochemical parameters. <i>Plant Physiology and Biochemistry</i> , 2017, 119, 50-58.	5.8	134
4	Lithium toxicity in plants: Reasons, mechanisms and remediation possibilities – A review. <i>Plant Physiology and Biochemistry</i> , 2016, 107, 104-115.	5.8	110
5	Maize Tolerance against Drought and Chilling Stresses Varied with Root Morphology and Antioxidative Defense System. <i>Plants</i> , 2020, 9, 720.	3.5	48
6	The functions of kinesin and kinesin-related proteins in eukaryotes. <i>Cell Adhesion and Migration</i> , 2020, 14, 139-152.	2.7	46
7	Enriching an intraspecific genetic map and identifying QTL for fiber quality and yield component traits across multiple environments in Upland cotton (<i>Gossypium hirsutum</i> L.). <i>Molecular Genetics and Genomics</i> , 2017, 292, 1281-1306.	2.1	36
8	A high density SLAF-SNP genetic map and QTL detection for fibre quality traits in <i>Gossypium hirsutum</i> . <i>BMC Genomics</i> , 2018, 19, 879.	2.8	32
9	A high density SLAF-seq SNP genetic map and QTL for seed size, oil and protein content in upland cotton. <i>BMC Genomics</i> , 2019, 20, 599.	2.8	20
10	Molecular characterization of the puroindoline-a and b alleles in synthetic hexaploid wheats and in silico functional and structural insights into Pina-D1. <i>Journal of Theoretical Biology</i> , 2015, 376, 1-7.	1.7	19
11	Short term incubation of sorghum caryopses in sodium chloride levels: changes in some pre- and post-germination physiological parameters. <i>Plant Science</i> , 1998, 139, 223-232.	3.6	16
12	Kernel softness in wheat is determined by starch granule bound Puroindoline proteins. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2017, 26, 247-262.	1.7	15
13	Chemical characterization and evaluation of the nephroprotective potential of <i>Parrotiopsis jacquemontiana</i> (Decne) Rehder and <i>Periploca hydaspidis</i> Falc crude extract in CCl ₄ -induced Male Sprague-Dawley Rats. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 702-712.	3.8	10
14	Identification and analysis of regulatory elements in the germin and germin-like proteins family promoters in rice. <i>Turkish Journal of Botany</i> , 2015, 39, 389-400.	1.2	9
15	In silico approaches to develop herbal acaricides against <i>R. (Boophilus) Microplus</i> and In vitro Anti-Tick activities of selected medicinal plants. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 103302.	3.8	9
16	Individual and Combined Effects of Booting and Flowering High-Temperature Stress on Rice Biomass Accumulation. <i>Plants</i> , 2021, 10, 1021.	3.5	6
17	Why are ATP-driven microtubule minus-end directed motors critical to plants? An overview of plant multifunctional kinesins. <i>Functional Plant Biology</i> , 2020, 47, 524.	2.1	5
18	The poly(A) polymerase PAPS1 mediates pollen maturation by regulating sperm cell differentiation in plants. <i>Plant Direct</i> , 2022, 6, e397.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Optimizing Row Spacing to Ameliorate the Productivity of Spring Sugarcane (<i>Saccharum officinarum</i> L.). Agricultural Sciences, 2016, 07, 531-538.	0.3	0