

Ali Raza Khan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

751
citations

623734

14
h-index

839539

18
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19
all docs

19
docs citations

19
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium mitigates the chromium toxicity in <i>Brassica napus</i> L. by ameliorating nutrients uptake, amino acids metabolism and antioxidant defense system. <i>Plant Physiology and Biochemistry</i> , 2019, 145, 142-152.	5.8	139
2	Seed priming with zinc oxide nanoparticles downplayed ultrastructural damage and improved photosynthetic apparatus in maize under cobalt stress. <i>Journal of Hazardous Materials</i> , 2022, 423, 127021.	12.4	122
3	Salicylic acid underpins silicon in ameliorating chromium toxicity in rice by modulating antioxidant defense, ion homeostasis and cellular ultrastructure. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 1001-1013.	5.8	74
4	Involvement of ethylene signaling in zinc oxide nanoparticle-mediated biochemical changes in <i>Arabidopsis thaliana</i> leaves. <i>Environmental Science: Nano</i> , 2019, 6, 341-355.	4.3	50
5	Ethylene mediates dichromate-induced inhibition of primary root growth by altering <i>AUX1</i> expression and auxin accumulation in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2018, 41, 1453-1467.	5.7	46
6	Evaluation of Metal Tolerance of Fungal Strains Isolated from Contaminated Mining Soil of Nanjing, China. <i>Biology</i> , 2020, 9, 469.	2.8	45
7	C2H2 Zinc Finger Proteins Response to Abiotic Stress in Plants. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2730.	4.1	41
8	The WRKY6 transcription factor affects seed oil accumulation and alters fatty acid compositions in <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2020, 169, 612-624.	5.2	35
9	NbGIS regulates glandular trichome initiation through GA signaling in tobacco. <i>Plant Molecular Biology</i> , 2018, 98, 153-167.	3.9	29
10	Ethylene participates in zinc oxide nanoparticles induced biochemical, molecular and ultrastructural changes in rice seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112844.	6.0	27
11	Anthocyanin Accumulation in Black Kernel Mutant Rice and its Contribution to ROS Detoxification in Response to High Temperature at the Filling Stage. <i>Antioxidants</i> , 2019, 8, 510.	5.1	26
12	Ethylene mediates CuO NP-induced ultrastructural changes and oxidative stress in <i>Arabidopsis thaliana</i> leaves. <i>Environmental Science: Nano</i> , 2020, 7, 938-953.	4.3	24
13	Exploring the Adaptive Responses of Plants to Abiotic Stresses Using Transcriptome Data. <i>Agriculture (Switzerland)</i> , 2022, 12, 211.	3.1	22
14	Genome-wide identification and expression analysis of detoxification efflux carriers (DTX) genes family under abiotic stresses in flax. <i>Physiologia Plantarum</i> , 2021, 171, 483-501.	5.2	21
15	The SPATULA transcription factor regulates seed oil content by controlling seed specific genes in <i>Arabidopsis thaliana</i> . <i>Plant Growth Regulation</i> , 2017, 82, 111-121.	3.4	14
16	Involvement of histone acetylation and deacetylation in regulating auxin responses and associated phenotypic changes in plants. <i>Plant Cell Reports</i> , 2018, 37, 51-59.	5.6	14
17	Controllable synthesis and stabilization of <i>Tamarix aphylla</i> -mediated copper oxide nanoparticles for the management of <i>Fusarium</i> wilt on musk melon. <i>3 Biotech</i> , 2022, 12, .	2.2	13
18	BnaO2.NIP6;1a encodes a boron transporter required for plant development under boron deficiency in <i>Brassica napus</i> . <i>Plant Physiology and Biochemistry</i> , 2021, 161, 36-45.	5.8	8

#	ARTICLE	IF	CITATIONS
19	Selenium-Mediated Regulation of Antioxidant Defense System and Improved Heavy Metals Tolerance in Plants. , 2022, , 369-382.		1