

Imran Haider Shamsi

List of Publications by Year in descending order

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papers

989
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516710

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454955

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34
times ranked

1199
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of morpho-physiological, ultrastructural and nutritional profiles in wheat seedlings through astaxanthin nanoparticles alleviating the cadmium toxicity. <i>Journal of Hazardous Materials</i> , 2022, 424, 126511.	12.4	40
2	Comparative Study on the Physio-Biochemical Responses of Spring and Winter Barley Genotypes under Vernalized and Greenhouse Conditions. <i>Agronomy</i> , 2022, 12, 339.	3.0	1
3	Stress signaling convergence and nutrient crosstalk determine zinc-mediated amelioration against cadmium toxicity in rice. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113128.	6.0	5
4	Prediction and analysis of metagenomic operons via MetaRon: a pipeline for prediction of Metagenome and whole-genome operons. <i>BMC Genomics</i> , 2021, 22, 60.	2.8	2
5	Modulation of Key Physio-Biochemical and Ultrastructural Attributes after Synergistic Application of Zinc and Silicon on Rice under Cadmium Stress. <i>Plants</i> , 2021, 10, 87.	3.5	19
6	Myriad of physio-genetic factors determining the fate of plant under zinc nutrient management. <i>Environmental and Experimental Botany</i> , 2021, 189, 104559.	4.2	10
7	Physio-ultrastructural footprints and iTRAQ-based proteomic approach unravel the role of <i>Piriformospora indica</i> -colonization in counteracting cadmium toxicity in rice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112390.	6.0	24
8	Phyllospheric Microbial Composition and Diversity of the Tobacco Leaves Infected by <i>Didymella segeticola</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 699699.	3.5	19
9	A New Reference Plasmid pGMT27 Provides an Efficient Transgenic Detection Method for Flue-Cured Tobacco. <i>Journal of Food Quality</i> , 2021, 2021, 1-8.	2.6	0
10	Cadmium-zinc cross-talk delineates toxicity tolerance in rice via differential genes expression and physiological / ultrastructural adjustments. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110076.	6.0	39
11	iTRAQ-based comparative proteomic analysis reveals high temperature accelerated leaf senescence of tobacco (<i>Nicotiana tabacum</i> L.) during flue-curing. <i>Genomics</i> , 2020, 112, 3075-3088.	2.9	15
12	Zinc alleviates cadmium toxicity by modulating photosynthesis, ROS homeostasis, and cation flux kinetics in rice. <i>Environmental Pollution</i> , 2020, 265, 114979.	7.5	43
13	CO ₂ enrichment using CRAM fermentation improves growth, physiological traits and yield of cherry tomato (<i>Solanum lycopersicum</i> L.). <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1041-1048.	3.8	15
14	Changes in water loss and cell wall metabolism during postharvest withering of tobacco (<i>Nicotiana glauca</i> L.) and <i>Biochemistry</i> , 2020, 150, 121-132.	5.8	14
15	Comparative Proteomic Analysis by iTRAQ Reveals that Plastid Pigment Metabolism Contributes to Leaf Color Changes in Tobacco (<i>Nicotiana tabacum</i>) during Curing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2394.	4.1	25
16	Identification of the gene network modules highly associated with the synthesis of phenolics compounds in barley by transcriptome and metabolome analysis. <i>Food Chemistry</i> , 2020, 323, 126862.	8.2	30
17	Role of jasmonic acid in improving tolerance of rapeseed (<i>Brassica napus</i> L.) to Cd toxicity. <i>Journal of Zhejiang University: Science B</i> , 2018, 19, 130-146.	2.8	71
18	The Tolerance Index and Translocation Factor were Used to Identify the Barley Genotypes with High Arsenic Stress Tolerance. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 50-62.	1.4	9

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19	Phosphate alleviates arsenate toxicity by altering expression of phosphate transporters in the tolerant barley genotypes. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 832-839.	6.0	45
20	Inoculation with the endophyte <i>Piriformospora indica</i> significantly affects mechanisms involved in osmotic stress in rice. <i>Rice</i> , 2018, 11, 34.	4.0	72
21	Transcriptomic comparison of two barley genotypes differing in arsenic tolerance exposed to arsenate and phosphate treatments. <i>Plant Physiology and Biochemistry</i> , 2018, 130, 589-603.	5.8	14
22	Elucidating the physiological and biochemical responses of different tobacco (<i>Nicotiana glauca</i>) genotypes to cadmium stress. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7847-7853.	4.3	14
23	Growth and physiological characterization of low nitrogen responses in Tibetan wild barley (<i>Hordeum spontaneum</i>) and cultivated barley (<i>Hordeum vulgare</i>). <i>Journal of Plant Nutrition</i> , 2017, 40, 861-868.	1.9	10
24	Vertical Leaching of Allelochemicals Affecting Their Bioactivity and the Microbial Community of Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7847-7853.	5.2	18
25	Integrated analysis of tobacco miRNA and mRNA expression profiles under PVY infection provides insight into tobacco-PVY interactions. <i>Scientific Reports</i> , 2017, 7, 4895.	3.3	22
26	Genome-wide identification of chromium stress-responsive micro RNAs and their target genes in tobacco (<i>Nicotiana tabacum</i>) roots. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2573-2582.	4.3	50
27	The alleviation of cadmium toxicity in oilseed rape (<i>Brassica napus</i>) by the application of salicylic acid. <i>Plant Growth Regulation</i> , 2015, 75, 641-655.	3.4	69
28	Difference in physiological and biochemical responses to salt stress between Tibetan wild and cultivated barleys. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	9
29	The effects of phosphate on arsenic uptake and toxicity alleviation in tobacco genotypes with differing arsenic tolerances. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 45-52.	4.3	20
30	ALLEVIATION OF CADMIUM TOXICITY IN SOYBEAN BY POTASSIUM SUPPLEMENTATION. <i>Journal of Plant Nutrition</i> , 2010, 33, 1926-1938.	1.9	32
31	A Comparison of Three Isolines of Cotton Differing in Fiber Color for Yield, Quality, and Photosynthesis. <i>Crop Science</i> , 2009, 49, 983-989.	1.8	27
32	Cadmium-induced stress on the seed germination and seedling growth of <i>Brassica napus</i> L., and its alleviation through exogenous plant growth regulators. <i>Plant Growth Regulation</i> , 2009, 58, 47-59.	3.4	172
33	Interactions of cadmium and aluminum toxicity in their effect on growth and physiological parameters in soybean. <i>Journal of Zhejiang University: Science B</i> , 2007, 8, 181-188.	2.8	34