Md Tahjib-Ul-Arif

List of Publications by Citations

42	603	14	23
papers	citations	h-index	g-index
47	1,009	3.4	4.66
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
42	Exogenous salicylic acid and hydrogen peroxide attenuate drought stress in rice. *Plant, Soil and Environment*, **2020**, 66, 7-13	2.2	78
41	Salicylic Acid-Mediated Enhancement of Photosynthesis Attributes and Antioxidant Capacity Contributes to Yield Improvement of Maize Plants Under Salt Stress. *Journal of Plant Growth Regulation*, **2018**, 37, 1318-1330	4.7	66
40	Differential Response of Sugar Beet to Long-Term Mild to Severe Salinity in a Soil Pot Culture. *Agriculture (Switzerland)*, **2019**, 9, 223	3	43
39	Insights into nitric oxide-mediated water balance, antioxidant defence and mineral homeostasis in rice (Oryza sativa L.) under chilling stress. *Nitric Oxide - Biology and Chemistry*, **2020**, 100-101, 7-16	5	30
38	Physiological mechanisms of exogenous calcium on alleviating salinity-induced stress in rice (L.). *Physiology and Molecular Biology of Plants*, **2019**, 25, 611-624	2.8	29
37	Screening of Salt-Tolerant Rice Landraces by Seedling Stage Phenotyping and Dissecting Biochemical Determinants of Tolerance Mechanism. *Journal of Plant Growth Regulation*, **2020**, 40, 1853	4.7	28
36	Progress in understanding salt stress response in plants using biotechnological tools. *Journal of Biotechnology*, **2021**, 329, 180-191	3.7	28
35	Exogenous Calcium Supplementation Improves Salinity Tolerance in BRRI Dhan28; a Salt-Susceptible High-Yielding Oryza Sativa Cultivar. *Journal of Crop Science and Biotechnology*, **2018**, 21, 383-394	1.2	28
34	Screening of rice landraces (Oryza sativa L.) for seedling stage salinity tolerance using morpho-physiological and molecular markers. *Acta Physiologiae Plantarum*, **2018**, 40, 1	2.6	22
33	Phytohormone-Mediated Stomatal Response, Escape and Quiescence Strategies in Plants under Flooding Stress. *Agronomy*, **2019**, 9, 43	3.6	21
32	Exogenous Glutathione-Mediated Drought Stress Tolerance in Rice (Oryza sativa L.) is Associated with Lower Oxidative Damage and Favorable Ionic Homeostasis **2020**, 44, 955-971		21
31	Citric Acid-Mediated Abiotic Stress Tolerance in Plants. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	17
30	Role of exogenous signaling molecules in alleviating salt-induced oxidative stress in rice (Oryza sativa L.): a comparative study. *Acta Physiologiae Plantarum*, **2019**, 41, 1	2.6	16
29	Black Cumin (L.): A Comprehensive Review on Phytochemistry, Health Benefits, Molecular Pharmacology, and Safety. *Nutrients*, **2021**, 13,	6.7	16
28	Plant Salinity Tolerance Conferred by Arbuscular Mycorrhizal Fungi and Associated Mechanisms: A Meta-Analysis. *Frontiers in Plant Science*, **2020**, 11, 588550	6.2	14
27	Effect of salinity on osmolytes and relative water content of selected rice genotypes. *Tropical Plant Research*, **2018**, 5, 227-232	1.5	14
26	Hydrogen sulfide priming can enhance the tolerance of artichoke seedlings to individual and combined saline-alkaline and aniline stresses. *Plant Physiology and Biochemistry*, **2021**, 159, 347-362	5.4	14

25	Betacyanins and Betaxanthins in Cultivated Varieties of L. Compared to Weed Beets. *Molecules*, **2020**, 25,	4.8	13
24	Exogenous Auxin-Mediated Salt Stress Alleviation in Faba Bean (Vicia faba L.). *Agronomy*, **2021**, 11, 547	3.6	10
23	Dietary effects of buckwheat (Fagopyrum esculentum) and black cumin (Nigella sativa) seed on growth performance, serum lipid profile and intestinal microflora of broiler chicks. *South African Journal of Animal Sciences*, **2016**, 46, 103	1	10
22	Mechanistic Insight of Allantoin in Protecting Tomato Plants Against Ultraviolet C Stress. *Plants*, **2020**, 10,	4.5	9
21	Melatonin Modulates Plant Tolerance to Heavy Metal Stress: Morphological Responses to Molecular Mechanisms. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	9
20	Foliar Application of Auxin or Cytokinin Can Confer Salinity Stress Tolerance in Vicia faba L.. *Agronomy*, **2021**, 11, 790	3.6	9
19	Increasing New Root Length Reflects Survival Mechanism of Rice (Oryza sativa L.) Genotypes under PEG-Induced Osmotic Stress. *Plant Breeding and Biotechnology*, **2020**, 8, 46-57	1.2	7
18	Mitigation of salinity stress by exogenous application of cytokinin in faba bean (Vicia faba L.). *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, **2021**, 49, 12192	1.2	7
17	Inhibition of light-induced stomatal opening by allyl isothiocyanate does not require guard cell cytosolic Ca2+ signaling. *Journal of Experimental Botany*, **2020**, 71, 2922-2932	7	6
16	5-aminolevulinic acid-mediated plant adaptive responses to abiotic stress. *Plant Cell Reports*, **2021**, 40, 1451-1469	5.1	6
15	Discerning of Rice Landraces (Oryza sativa L.) for Morpho-physiological, Antioxidant Enzyme Activity, and Molecular Markers Responses to Induced Salt Stress at the Seedling Stage. *Journal of Plant Growth Regulation*, **2020**, 39, 41-59	4.7	5
14	Comparative effects of ascobin and glutathione on copper homeostasis and oxidative stress metabolism in mitigation of copper toxicity in rice. *Plant Biology*, **2021**, 23 Suppl 1, 162-169	3.7	5
13	Glutathione improves rice tolerance to submergence: insights into its physiological and biochemical mechanisms. *Journal of Biotechnology*, **2021**, 325, 109-118	3.7	5
12	Stomatal response to isothiocyanates in Arabidopsis thaliana. *Journal of Experimental Botany*, **2020**, 71, 6921-6931	7	3
11	Molecular pharmacology and therapeutic advances of the pentacyclic triterpene lupeol.. *Phytomedicine*, **2022**, 99, 154012	6.5	3
10	Phenotypic Parameters Clustering Based Screening of Rice (Oryza sativa L.) Landraces for Salt Tolerance. *Asian Journal of Plant Sciences*, **2017**, 16, 235-241	0.6	2
9	Arbuscular mycorrhizal fungi inoculation with organic matter and phosphorus supplementation enhance nutrient contents of Amaranthus tricolor L. and Basella alba L. by improving nutrients uptake. *Tropical Plant Research*, **2018**, 5, 375-384	1.5	2
8	Comparative effect of arbuscular mycorrhiza, cowdung and phosphorus on growth and yield contributing characters of red amaranth (Amaranthus tricolor L.) and Indian spinach (Basella alba L.). *Tropical Plant Research*, **2017**, 4, 254-263	1.5	2

7	Genetic association and path coefficient analysis among yield and nutritional traits of tomato (Lycopersicon esculentum L.). *Journal of the Bangladesh Agricultural University*, **2019**, 17, 187-193	0.8	1
6	Nutritional Value, Phytochemical Profile, Antioxidant Property and Agar Yielding Potential of Macroalgae from Coasts of Cox Bazar and St. Martin Island of Bangladesh. *Journal of Aquatic Food Product Technology*, **2021**, 30, 217-227	1.6	1
5	Screening salt-tolerant rice at the seedling and reproductive stages: An effective and reliable approach. *Environmental and Experimental Botany*, **2021**, 192, 104629	5.9	1
4	Modulation of frequency and height of cytosolic calcium spikes by plasma membrane anion channels in guard cells. *Bioscience, Biotechnology and Biochemistry*, **2021**, 85, 2003-2010	2.1	0
3	ELEVATION OF CYTOSOLIC CALCIUM IN GUARD CELLS. *Journal of Environmental Science for Sustainable Society*, **2021**, 10, MR02_p5-MR02_p8	0	
2	Cardioprotective molecule and bioactive compounds of some selected vegetables available in Bangladesh. *Journal of the Bangladesh Agricultural University*, **2018**, 16, 82-87	0.8	
1	Insights into Potential Roles of Plants as Natural Radioprotectants and Amelioration of Radiations Induced Harmful Impacts on Human Health **2022**, 311-325		