

Md Tahjib-Ul-Arif

List of Publications by Year in Descending Order

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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.

42
papers

603
citations

14
h-index

23
g-index

47
ext. papers

1,009
ext. citations

3.4
avg, IF

4.66
L-index

#	Paper	IF	Citations
42	Molecular pharmacology and therapeutic advances of the pentacyclic triterpene lupeol.. <i>Phytomedicine</i> , 2022 , 99, 154012	6.5	3
41	Insights into Potential Roles of Plants as Natural Radioprotectants and Amelioration of Radiations Induced Harmful Impacts on Human Health 2022 , 311-325		
40	Melatonin Modulates Plant Tolerance to Heavy Metal Stress: Morphological Responses to Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	9
39	Progress in understanding salt stress response in plants using biotechnological tools. <i>Journal of Biotechnology</i> , 2021 , 329, 180-191	3.7	28
38	Exogenous Auxin-Mediated Salt Stress Alleviation in Faba Bean (<i>Vicia faba</i> L.). <i>Agronomy</i> , 2021 , 11, 547	3.6	10
37	Mitigation of salinity stress by exogenous application of cytokinin in faba bean (<i>Vicia faba</i> L.). <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021 , 49, 12192	1.2	7
36	5-aminolevulinic acid-mediated plant adaptive responses to abiotic stress. <i>Plant Cell Reports</i> , 2021 , 40, 1451-1469	5.1	6
35	Foliar Application of Auxin or Cytokinin Can Confer Salinity Stress Tolerance in <i>Vicia faba</i> L.. <i>Agronomy</i> , 2021 , 11, 790	3.6	9
34	Black Cumin (L.): A Comprehensive Review on Phytochemistry, Health Benefits, Molecular Pharmacology, and Safety. <i>Nutrients</i> , 2021 , 13,	6.7	16
33	Modulation of frequency and height of cytosolic calcium spikes by plasma membrane anion channels in guard cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021 , 85, 2003-2010	2.1	0
32	Comparative effects of ascobin and glutathione on copper homeostasis and oxidative stress metabolism in mitigation of copper toxicity in rice. <i>Plant Biology</i> , 2021 , 23 Suppl 1, 162-169	3.7	5
31	Glutathione improves rice tolerance to submergence: insights into its physiological and biochemical mechanisms. <i>Journal of Biotechnology</i> , 2021 , 325, 109-118	3.7	5
30	ELEVATION OF CYTOSOLIC CALCIUM IN GUARD CELLS. <i>Journal of Environmental Science for Sustainable Society</i> , 2021 , 10, MR02_p5-MR02_p8	0	
29	Nutritional Value, Phytochemical Profile, Antioxidant Property and Agar Yielding Potential of Macroalgae from Coasts of Cox's Bazar and St. Martin's Island of Bangladesh. <i>Journal of Aquatic Food Product Technology</i> , 2021 , 30, 217-227	1.6	1
28	Hydrogen sulfide priming can enhance the tolerance of artichoke seedlings to individual and combined saline-alkaline and aniline stresses. <i>Plant Physiology and Biochemistry</i> , 2021 , 159, 347-362	5.4	14
27	Citric Acid-Mediated Abiotic Stress Tolerance in Plants. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	17
26	Screening salt-tolerant rice at the seedling and reproductive stages: An effective and reliable approach. <i>Environmental and Experimental Botany</i> , 2021 , 192, 104629	5.9	1

25	Plant Salinity Tolerance Conferred by Arbuscular Mycorrhizal Fungi and Associated Mechanisms: A Meta-Analysis. <i>Frontiers in Plant Science</i> , 2020 , 11, 588550	6.2	14
24	Exogenous salicylic acid and hydrogen peroxide attenuate drought stress in rice. <i>Plant, Soil and Environment</i> , 2020 , 66, 7-13	2.2	78
23	Inhibition of light-induced stomatal opening by allyl isothiocyanate does not require guard cell cytosolic Ca ²⁺ signaling. <i>Journal of Experimental Botany</i> , 2020 , 71, 2922-2932	7	6
22	Insights into nitric oxide-mediated water balance, antioxidant defence and mineral homeostasis in rice (<i>Oryza sativa</i> L.) under chilling stress. <i>Nitric Oxide - Biology and Chemistry</i> , 2020 , 100-101, 7-16	5	30
21	Mechanistic Insight of Allantoin in Protecting Tomato Plants Against Ultraviolet C Stress. <i>Plants</i> , 2020 , 10,	4.5	9
20	Increasing New Root Length Reflects Survival Mechanism of Rice (<i>Oryza sativa</i> L.) Genotypes under PEG-Induced Osmotic Stress. <i>Plant Breeding and Biotechnology</i> , 2020 , 8, 46-57	1.2	7
19	Screening of Salt-Tolerant Rice Landraces by Seedling Stage Phenotyping and Dissecting Biochemical Determinants of Tolerance Mechanism. <i>Journal of Plant Growth Regulation</i> , 2020 , 40, 1853	4.7	28
18	Exogenous Glutathione-Mediated Drought Stress Tolerance in Rice (<i>Oryza sativa</i> L.) is Associated with Lower Oxidative Damage and Favorable Ionic Homeostasis 2020 , 44, 955-971		21
17	Betacyanins and Betaxanthins in Cultivated Varieties of L. Compared to Weed Beets. <i>Molecules</i> , 2020 , 25,	4.8	13
16	Stomatal response to isothiocyanates in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2020 , 71, 6921-6931	7	3
15	Discerning of Rice Landraces (<i>Oryza sativa</i> L.) for Morpho-physiological, Antioxidant Enzyme Activity, and Molecular Markers Responses to Induced Salt Stress at the Seedling Stage. <i>Journal of Plant Growth Regulation</i> , 2020 , 39, 41-59	4.7	5
14	Phytohormone-Mediated Stomatal Response, Escape and Quiescence Strategies in Plants under Flooding Stress. <i>Agronomy</i> , 2019 , 9, 43	3.6	21
13	Role of exogenous signaling molecules in alleviating salt-induced oxidative stress in rice (<i>Oryza sativa</i> L.): a comparative study. <i>Acta Physiologiae Plantarum</i> , 2019 , 41, 1	2.6	16
12	Physiological mechanisms of exogenous calcium on alleviating salinity-induced stress in rice (L.). <i>Physiology and Molecular Biology of Plants</i> , 2019 , 25, 611-624	2.8	29
11	Genetic association and path coefficient analysis among yield and nutritional traits of tomato (<i>Lycopersicon esculentum</i> L.). <i>Journal of the Bangladesh Agricultural University</i> , 2019 , 17, 187-193	0.8	1
10	Differential Response of Sugar Beet to Long-Term Mild to Severe Salinity in a SoilBot Culture. <i>Agriculture (Switzerland)</i> , 2019 , 9, 223	3	43
9	Screening of rice landraces (<i>Oryza sativa</i> L.) for seedling stage salinity tolerance using morpho-physiological and molecular markers. <i>Acta Physiologiae Plantarum</i> , 2018 , 40, 1	2.6	22
8	Effect of salinity on osmolytes and relative water content of selected rice genotypes. <i>Tropical Plant Research</i> , 2018 , 5, 227-232	1.5	14

7	Arbuscular mycorrhizal fungi inoculation with organic matter and phosphorus supplementation enhance nutrient contents of <i>Amaranthus tricolor</i> L. and <i>Basella alba</i> L. by improving nutrients uptake. <i>Tropical Plant Research</i> , 2018 , 5, 375-384	1.5	2
6	Cardioprotective molecule and bioactive compounds of some selected vegetables available in Bangladesh. <i>Journal of the Bangladesh Agricultural University</i> , 2018 , 16, 82-87	0.8	
5	Exogenous Calcium Supplementation Improves Salinity Tolerance in BRRI Dhan28; a Salt-Susceptible High-Yielding <i>Oryza Sativa</i> Cultivar. <i>Journal of Crop Science and Biotechnology</i> , 2018 , 21, 383-394	1.2	28
4	Salicylic Acid-Mediated Enhancement of Photosynthesis Attributes and Antioxidant Capacity Contributes to Yield Improvement of Maize Plants Under Salt Stress. <i>Journal of Plant Growth Regulation</i> , 2018 , 37, 1318-1330	4.7	66
3	Phenotypic Parameters Clustering Based Screening of Rice (<i>Oryza sativa</i> L.) Landraces for Salt Tolerance. <i>Asian Journal of Plant Sciences</i> , 2017 , 16, 235-241	0.6	2
2	Comparative effect of arbuscular mycorrhiza, cowdung and phosphorus on growth and yield contributing characters of red amaranth (<i>Amaranthus tricolor</i> L.) and Indian spinach (<i>Basella alba</i> L.). <i>Tropical Plant Research</i> , 2017 , 4, 254-263	1.5	2
1	Dietary effects of buckwheat (<i>Fagopyrum esculentum</i>) and black cumin (<i>Nigella sativa</i>) seed on growth performance, serum lipid profile and intestinal microflora of broiler chicks. <i>South African Journal of Animal Sciences</i> , 2016 , 46, 103	1	10