

Md Tahjib-Ul-Arif

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,448
citations

331259

21
h-index

344852

36
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47
all docs

47
docs citations

47
times ranked

1317
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Exogenous salicylic acid and hydrogen peroxide attenuate drought stress in rice. <i>Plant, Soil and Environment</i> , 2020, 66, 7-13. | 1.0 | 142 |
| 2 | Black Cumin (<i>Nigella sativa</i> L.): A Comprehensive Review on Phytochemistry, Health Benefits, Molecular Pharmacology, and Safety. <i>Nutrients</i> , 2021, 13, 1784. | 1.7 | 101 |
| 3 | 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. | 2.8 | 98 |
| 4 | Melatonin Modulates Plant Tolerance to Heavy Metal Stress: Morphological Responses to Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11445. | 1.8 | 88 |
| 5 | Citric Acid-Mediated Abiotic Stress Tolerance in Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7235. | 1.8 | 85 |
| 6 | Progress in understanding salt stress response in plants using biotechnological tools. <i>Journal of Biotechnology</i> , 2021, 329, 180-191. | 1.9 | 82 |
| 7 | Differential Response of Sugar Beet to Long-Term Mild to Severe Salinity in a Soil-Pot Culture. <i>Agriculture (Switzerland)</i> , 2019, 9, 223. | 1.4 | 61 |
| 8 | 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. | 1.2 | 60 |
| 9 | Screening of Salt-Tolerant Rice Landraces by Seedling Stage Phenotyping and Dissecting Biochemical Determinants of Tolerance Mechanism. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1853-1868. | 2.8 | 56 |
| 10 | Physiological mechanisms of exogenous calcium on alleviating salinity-induced stress in rice (<i>Oryza</i>) | 1.4 | 53 |
| 11 | Plant Salinity Tolerance Conferred by Arbuscular Mycorrhizal Fungi and Associated Mechanisms: A Meta-Analysis. <i>Frontiers in Plant Science</i> , 2020, 11, 588550. | 1.7 | 46 |
| 12 | Phytohormone-Mediated Stomatal Response, Escape and Quiescence Strategies in Plants under Flooding Stress. <i>Agronomy</i> , 2019, 9, 43. | 1.3 | 42 |
| 13 | Exogenous Calcium Supplementation Improves Salinity Tolerance in BRR1 Dhan28; a Salt-Susceptible High-Yielding <i>Oryza Sativa</i> Cultivar. <i>Journal of Crop Science and Biotechnology</i> , 2018, 21, 383-394. | 0.7 | 39 |
| 14 | Exogenous Glutathione-Mediated Drought Stress Tolerance in Rice (<i>Oryza sativa</i> L.) is Associated with Lower Oxidative Damage and Favorable Ionic Homeostasis. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 955-971. | 0.7 | 39 |
| 15 | Effect of salinity on osmolytes and relative water content of selected rice genotypes. <i>Tropical Plant Research</i> , 2018, 5, 227-232. | 0.4 | 39 |
| 16 | Exogenous Auxin-Mediated Salt Stress Alleviation in Faba Bean (<i>Vicia faba</i> L.). <i>Agronomy</i> , 2021, 11, 547. | 1.3 | 38 |
| 17 | 5-aminolevulinic acid-mediated plant adaptive responses to abiotic stress. <i>Plant Cell Reports</i> , 2021, 40, 1451-1469. | 2.8 | 35 |
| 18 | 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. | 1.0 | 34 |

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|----|--|-----|-----------|
| 19 | 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. | 2.8 | 34 |
| 20 | Betacyanins and Betaxanthins in Cultivated Varieties of <i>Beta vulgaris</i> L. Compared to Weed Beets. <i>Molecules</i> , 2020, 25, 5395. | 1.7 | 33 |
| 21 | Foliar Application of Auxin or Cytokinin Can Confer Salinity Stress Tolerance in <i>Vicia faba</i> L.. <i>Agronomy</i> , 2021, 11, 790. | 1.3 | 24 |
| 22 | Mechanistic Insight of Allantoin in Protecting Tomato Plants Against Ultraviolet C Stress. <i>Plants</i> , 2021, 10, 11. | 1.6 | 23 |
| 23 | Role of exogenous signaling molecules in alleviating salt-induced oxidative stress in rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 | 1.0 | 22 |
| 24 | Molecular pharmacology and therapeutic advances of the pentacyclic triterpene lupeol. <i>Phytomedicine</i> , 2022, 99, 154012. | 2.3 | 21 |
| 25 | 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. | 2.8 | 19 |
| 26 | 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, 162-169. | 1.8 | 16 |
| 27 | 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. | 0.3 | 16 |
| 28 | 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. | 0.2 | 14 |
| 29 | 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. | 2.4 | 14 |
| 30 | Glutathione improves rice tolerance to submergence: insights into its physiological and biochemical mechanisms. <i>Journal of Biotechnology</i> , 2021, 325, 109-118. | 1.9 | 14 |
| 31 | 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. | 0.5 | 14 |
| 32 | Screening salt-tolerant rice at the seedling and reproductive stages: An effective and reliable approach. <i>Environmental and Experimental Botany</i> , 2021, 192, 104629. | 2.0 | 11 |
| 33 | Nutritional Value, Phytochemical Profile, Antioxidant Property and Agar Yielding Potential of Macroalgae from Coasts of Coxâ€™s Bazar and St. Martinâ€™s Island of Bangladesh. <i>Journal of Aquatic Food Product Technology</i> , 2021, 30, 217-227. | 0.6 | 8 |
| 34 | Stomatal response to isothiocyanates in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 6921-6931. | 2.4 | 5 |
| 35 | 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. | 0.1 | 4 |
| 36 | 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. | 0.2 | 4 |

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|----|---|-----|-----------|
| 37 | Salicylic acid and thiourea ameliorate the negative impact of salt stress in wheat (<i>Triticum aestivum</i>) Tj ETQq1 1 0.784314 rgBT /Over bo system. <i>Journal of Phytology</i> , 0, , 130-145. | 0.3 | 3 |
| 38 | Role of Organic Solutes on Mineral Stress Tolerance. , 2021, , 83-104. | | 2 |
| 39 | Chitosan Suppresses Antioxidant Enzyme Activities for Mitigating Salt Stress in Mungbean Varieties. <i>IOSR Journal of Agriculture and Veterinary Science</i> , 2016, 09, 36-41. | 0.1 | 2 |
| 40 | 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. | 0.4 | 2 |
| 41 | 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. | 0.4 | 2 |
| 42 | Role of Transporters during Heavy Metals Toxicity in Plants. , 2021, , 49-62. | | 2 |
| 43 | 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. | 0.6 | 1 |
| 44 | Cardioprotective molecule and bioactive compounds of some selected vegetables available in Bangladesh. <i>Journal of the Bangladesh Agricultural University</i> , 2018, 16, 82-87. | 0.1 | 0 |
| 45 | ELEVATION OF CYTOSOLIC CALCIUM IN GUARD CELLS. <i>Journal of Environmental Science for Sustainable Society</i> , 2021, 10, MR02_p5-MR02_p8. | 0.1 | 0 |