

Mohamed F M Ibrahim

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Melatonin-mediated photosynthetic performance of tomato seedlings under high-temperature stress. <i>Plant Physiology and Biochemistry</i> , 2021, 167, 309-320.	5.8	124
2	Exogenous Nitric Oxide Reinforces Photosynthetic Efficiency, Osmolyte, Mineral Uptake, Antioxidant, Expression of Stress-Responsive Genes and Ameliorates the Effects of Salinity Stress in Wheat. <i>Plants</i> , 2021, 10, 1693.	3.5	74
3	Melatonin Counteracts Drought Induced Oxidative Damage and Stimulates Growth, Productivity and Fruit Quality Properties of Tomato Plants. <i>Plants</i> , 2020, 9, 1276.	3.5	70
4	GABA: A Key Player in Drought Stress Resistance in Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10136.	4.1	59
5	Beneficial Features of Biochar and Arbuscular Mycorrhiza for Improving Spinach Plant Growth, Root Morphological Traits, Physiological Properties, and Soil Enzymatic Activities. <i>Journal of Fungi (Basel)</i> , 2021, 7, 314.	3.5	55
6	Ozone Induced Stomatal Regulations, MAPK and Phytohormone Signaling in Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6304.	4.1	44
7	Biochar and jasmonic acid application attenuates antioxidative systems and improves growth, physiology, nutrient uptake and productivity of faba bean (<i>Vicia faba</i> L.) irrigated with saline water. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 807-817.	5.8	44
8	Exogenous $\hat{3}$ -aminobutyric acid (GABA)-induced signaling events and field performance associated with mitigation of drought stress in <i>Phaseolus vulgaris</i> L. <i>Plant Signaling and Behavior</i> , 2021, 16, 1853384.	2.4	39
9	Melatonin Mitigates Drought Induced Oxidative Stress in Potato Plants through Modulation of Osmolytes, Sugar Metabolism, ABA Homeostasis and Antioxidant Enzymes. <i>Plants</i> , 2022, 11, 1151.	3.5	34
10	Regulation of Agronomic Traits, Nutrient Uptake, Osmolytes and Antioxidants of Maize as Influenced by Exogenous Potassium Silicate under Deficit Irrigation and Semiarid Conditions. <i>Agronomy</i> , 2020, 10, 1212.	3.0	32
11	Improved Shelf-Life and Consumer Acceptance of Fresh-Cut and Fried Potato Strips by an Edible Coating of Garden Cress Seed Mucilage. <i>Foods</i> , 2021, 10, 1536.	4.3	24
12	Roles of Exogenous $\hat{1}$ -Lipoic Acid and Cysteine in Mitigation of Drought Stress and Restoration of Grain Quality in Wheat. <i>Plants</i> , 2021, 10, 2318.	3.5	24
13	Folic acid as a protective agent in snap bean plants under water deficit conditions. <i>Journal of Horticultural Science and Biotechnology</i> , 2021, 96, 94-109.	1.9	23
14	Exogenous Application of Alpha-Lipoic Acid Mitigates Salt-Induced Oxidative Damage in Sorghum Plants through Regulation Growth, Leaf Pigments, Ionic Homeostasis, Antioxidant Enzymes, and Expression of Salt Stress Responsive Genes. <i>Plants</i> , 2021, 10, 2519.	3.5	23
15	Exogenous Putrescine Increases Heat Tolerance in Tomato Seedlings by Regulating Chlorophyll Metabolism and Enhancing Antioxidant Defense Efficiency. <i>Plants</i> , 2022, 11, 1038.	3.5	23
16	Hydrogen Peroxide Supplementation in Irrigation Water Alleviates Drought Stress and Boosts Growth and Productivity of Potato Plants. <i>Sustainability</i> , 2021, 13, 899.	3.2	22
17	Exogenous Application of Nitric Oxide Mitigates Water Stress and Reduces Natural Viral Disease Incidence of Tomato Plants Subjected to Deficit Irrigation. <i>Agronomy</i> , 2021, 11, 87.	3.0	20
18	Growth Response of Ginger (<i>Zingiber officinale</i>), Its Physiological Properties and Soil Enzyme Activities after Biochar Application under Greenhouse Conditions. <i>Horticulturae</i> , 2021, 7, 250.	2.8	17

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19	Protective Effect of $\hat{1}^3$ -Aminobutyric Acid Against Chilling Stress During Reproductive Stage in Tomato Plants Through Modulation of Sugar Metabolism, Chloroplast Integrity, and Antioxidative Defense Systems. <i>Frontiers in Plant Science</i> , 2021, 12, 663750.	3.6	16
20	Towards Better Grafting: SCoT and CDDP Analyses for Prediction of the Tomato Rootstocks Performance under Drought Stress. <i>Agronomy</i> , 2022, 12, 153.	3.0	14
21	Alpha Lipoic Acid as a Protective Mediator for Regulating the Defensive Responses of Wheat Plants against Sodic Alkaline Stress: Physiological, Biochemical and Molecular Aspects. <i>Plants</i> , 2022, 11, 787.	3.5	14
22	Folic Acid Confers Tolerance against Salt Stress-Induced Oxidative Damages in Snap Beans through Regulation Growth, Metabolites, Antioxidant Machinery and Gene Expression. <i>Plants</i> , 2022, 11, 1459.	3.5	14
23	Influence of Polyethylene Glycol on Leaf Anatomy, Stomatal Behavior, Water Loss, and Some Physiological Traits of Date Palm Plantlets Grown In Vitro and Ex Vitro. <i>Plants</i> , 2020, 9, 1440.	3.5	12
24	Morpho-Anatomical and Biochemical Characterization of Embryogenic and Degenerative Embryogenic Calli of <i>Phoenix dactylifera</i> L.. <i>Horticulturae</i> , 2021, 7, 393.	2.8	4
25	Exogenous Paclobutrazol Reinforces the Antioxidant and Antimicrobial Properties of Lavender (<i>Lavandula officinalis</i> L.) Oil through Modulating Its Composition of Oxygenated Terpenes. <i>Plants</i> , 2022, 11, 1607.	3.5	4
26	Biochemical Responses of Wolfbane (<i>Periploca angustifolia</i> Labill) to Water Stress. <i>International Journal of Plant & Soil Science</i> , 2018, 24, 1-9.	0.2	1
27	EXOGENOUS APPLIED PUTRESCINE ELEVATE DROUGHT TOLERANCE OF SUNFLOWER PLANTS BY MODIFYING OF SOME PHYSIO-BIOCHEMICAL PARAMETERS. <i>Arab Universities Journal of Agricultural Sciences</i> , 2018, 26, 1239-1250.	0.0	1