

Khaled A A Abdelaal

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Silicon Foliar Application Mitigates Salt Stress in Sweet Pepper Plants by Enhancing Water Status, Photosynthesis, Antioxidant Enzyme Activity and Fruit Yield. <i>Plants</i> , 2020, 9, 733.	3.5	117
2	The Role of Plant Growth-Promoting Bacteria in Alleviating the Adverse Effects of Drought on Plants. <i>Biology</i> , 2021, 10, 520.	2.8	115
3	Isolation and Characterization of Plant Growth Promoting Endophytic Bacteria from Desert Plants and Their Application as Bioinoculants for Sustainable Agriculture. <i>Agronomy</i> , 2020, 10, 1325.	3.0	105
4	Exogenous Application of Proline and Salicylic Acid can Mitigate the Injurious Impacts of Drought Stress on Barley Plants Associated with Physiological and Histological Characters. <i>Sustainability</i> , 2020, 12, 1736.	3.2	105
5	Beneficial Effects of Biochar and Chitosan on Antioxidative Capacity, Osmolytes Accumulation, and Anatomical Characters of Water-Stressed Barley Plants. <i>Agronomy</i> , 2020, 10, 630.	3.0	104
6	Chlorophyll Fluorescence Parameters and Antioxidant Defense System Can Display Salt Tolerance of Salt Acclimated Sweet Pepper Plants Treated with Chitosan and Plant Growth Promoting Rhizobacteria. <i>Agronomy</i> , 2020, 10, 1180.	3.0	92
7	Exogenous Ascorbic Acid Induced Chilling Tolerance in Tomato Plants Through Modulating Metabolism, Osmolytes, Antioxidants, and Transcriptional Regulation of Catalase and Heat Shock Proteins. <i>Plants</i> , 2020, 9, 431.	3.5	85
8	Evaluation of Silicon and Proline Application on the Oxidative Machinery in Drought-Stressed Sugar Beet. <i>Antioxidants</i> , 2021, 10, 398.	5.1	76
9	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
10	Effect of some osmoregulators on photosynthesis, lipid peroxidation, antioxidative capacity, and productivity of barley (<i>Hordeum vulgare</i> L.) under water deficit stress. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30199-30211.	5.3	51
11	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
12	<i>Bacillus subtilis</i> as a bio-agent combined with nano molecules can control powdery mildew disease through histochemical and physiobiochemical changes in cucumber plants. <i>Physiological and Molecular Plant Pathology</i> , 2020, 111, 101489.	2.5	39
13	Efficacy of certain bioagents on patho-physiological characters of wheat plants under wheat leaf rust stress. <i>Physiological and Molecular Plant Pathology</i> , 2019, 106, 102-108.	2.5	32
14	Sustainable alternative aggregates: Characterization and influence on mechanical behavior of basalt fiber reinforced concrete. <i>Construction and Building Materials</i> , 2020, 255, 119365.	7.2	32
15	Histological and biochemical aspects of compatible and incompatible wheat- <i>Puccinia striiformis</i> interactions. <i>Physiological and Molecular Plant Pathology</i> , 2019, 106, 120-128.	2.5	31
16	Mitigation of Drought Damages by Exogenous Chitosan and Yeast Extract with Modulating the Photosynthetic Pigments, Antioxidant Defense System and Improving the Productivity of Garlic Plants. <i>Horticulturae</i> , 2021, 7, 510.	2.8	29
17	Biochemical, histopathological and genetic analysis associated with leaf rust infection in wheat plants (<i>Triticum aestivum</i> L.). <i>Physiological and Molecular Plant Pathology</i> , 2018, 104, 48-57.	2.5	26
18	Toxicity of Essential Oils Nanoemulsion Against <i>Aphis Craccivora</i> and Their Inhibitory Activity on Insect Enzymes. <i>Processes</i> , 2021, 9, 624.	2.8	25

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19	Bacillus thuringiensis and Silicon Modulate Antioxidant Metabolism and Improve the Physiological Traits to Confer Salt Tolerance in Lettuce. <i>Plants</i> , 2021, 10, 1025.	3.5	25
20	Seed Priming Boost Adaptation in Pea Plants under Drought Stress. <i>Plants</i> , 2021, 10, 2201.	3.5	25
21	Impact of antioxidants supplementation on growth, yield and quality traits of canola (<i>Brassica napus</i>) Tj ETQq1 1 0.784314 rgBT /Over Agricultural Sciences, 2017, 5, 163-172.	0.4	21
22	Yield and quality of two sugar beet (<i>Beta vulgaris</i> L. ssp. <i>vulgaris</i> var. <i>altissima</i> DÃ¶ll) cultivars are influenced by foliar application of salicylic acid, irrigation timing, and planting density. <i>Acta Agriculturae Slovenica</i> , 2020, 115, 273.	0.3	15
23	Genotoxic and Anatomical Deteriorations Associated with Potentially Toxic Elements Accumulation in Water Hyacinth Grown in Drainage Water Resources. <i>Sustainability</i> , 2020, 12, 2147.	3.2	13
24	Nano-silver and non-traditional compounds mitigate the adverse effects of net blotch disease of barley in correlation with up-regulation of antioxidant enzymes. <i>Pakistan Journal of Botany</i> , 2020, 52, .	0.5	10
25	Efficacy of Mushroom Metabolites (<i>Pleurotus ostreatus</i>) as A Natural Product for the Suppression of Broomrape Growth (<i>Orobanche crenata</i> Forsk) in Faba Bean Plants. <i>Plants</i> , 2020, 9, 1265.	3.5	8
26	Anticryptosporidium Efficacy of <i>Olea europaea</i> and <i>Ficus carica</i> Leaves Extract in Immunocompromised Mice Associated with Biochemical Characters and Antioxidative System. <i>Cells</i> , 2021, 10, 2419.	4.1	8
27	Publicsâ€™ Perceptions of Community Pharmacists and Satisfaction with Pharmacy Services in Al-Madinah City, Saudi Arabia: A Cross Sectional Study. <i>Medicina (Lithuania)</i> , 2022, 58, 432.	2.0	8
28	Micropropagation of Banana: Reversion, Rooting, and Acclimatization of Hyperhydric Shoots. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 1384-1390.	1.0	7
29	Impact of Irrigation Levels and Weed Control Treatments on Annual Weeds, Physiological Traits and Productivity of Soybean under Clay Soil Conditions. <i>Agronomy</i> , 2022, 12, 1037.	3.0	7
30	Grape Fruit Waste Compost as a Nursery Substrate Ingredient for High-Quality Cucumber (<i>Cucumis) Tj ETQq0 0,0rgBT /Oylock 10	1.2	5
31	Biochemical and molecular characterization of non-host resistance keys in food crops. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1091-1099.	3.8	5
32	Molecular and Genetic Analysis of Leaf Rust Resistance Genes in Two New Egyptian Wheat Cultivars. <i>Egyptian Journal of Phytopathology</i> , 2017, 45, 33-52.	0.5	3
33	ECC cache. , 2020, , .		3
34	The different responses of rice genotypes to heat stress associated with morphological, chlorophyll and yield characteristics. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12550.	1.1	3
35	The pivotal role of biochar in enhancement soil properties, morphophysiological and yield characters of barley plants under drought stress. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2022, 50, 12710.	1.1	3
36	Yield losses in wheat genotypes caused by stripe rust (<i>Puccinia striiformis</i> f. sp. <i>tritici</i>) in North Delta, Egypt. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2022, 50, 12622.	1.1	2

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37	Variations in Polysomnographic Indices of Obstructive Sleep Apnea following Lingual Tonsil Hypertrophy Excision: Is the Difference Significant?. <i>Medicina (Lithuania)</i> , 2022, 58, 573.	2.0	1
38	Characterization of fertility alteration and marker validation for male sterility genes in novel PTGMS lines hybrid rice. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4109-4116.	3.8	0