Mervat Sadak

List of Publications by Year
in descending order

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38 papers	958 citations	643344 15 h-index	536525 29 g-index
39 all docs	39 docs citations	39 times ranked	973 citing authors

#	Article	IF	Citations
1	Stimulation Effects of Glutamic and 5-Aminolevulinic Acids On Photosynthetic Pigments, Physio-biochemical Constituents, Antioxidant Activity, and Yield of Peanut. Gesunde Pflanzen, 2022, 74, 915-924.	1.7	18
2	Impact of melatonin and tryptophan on water stress tolerance in white lupine (Lupinus termis L.). Physiology and Molecular Biology of Plants, 2021, 27, 469-481.	1.4	34
3	Moringa Leaves Extract and Zeatin for Maximizing Yield and Quality Traits of Two Flax Cultivars. Asian Journal of Plant Sciences, 2021, 20, 620-630.	0.2	1
4	Impact of Glycine Betaine on Drought Tolerance of Moringa oleifera Plant Grown under Sandy Soil. Asian Journal of Plant Sciences, 2021, 20, 578-589.	0.2	6
5	Attenuation of negative effects of saline stress in wheat plant by chitosan and calcium carbonate. Bulletin of the National Research Centre, 2021, 45, .	0.7	13
6	Iron oxide nanoparticles effect on growth, physiological traits and nutritional contents of Moringa oleifera grown in saline environment. Bulletin of the National Research Centre, 2021, 45, .	0.7	33
7	Glutathione Stimulates Growth and Productivity of Some Flax Varieties Grown under Sandy Soil. Asian Journal of Plant Sciences, 2021, 21, 66-77.	0.2	1
8	Zinc-oxide and nano ZnO oxide effects on growth, some biochemical aspects, yield quantity, and quality of flax (Linum uitatissimum L.) in absence and presence of compost under sandy soil. Bulletin of the National Research Centre, 2020, 44, .	0.7	40
9	Impact of glutathione on enhancing sunflower growth and biochemical aspects and yield to alleviate salinity stress. Biocatalysis and Agricultural Biotechnology, 2020, 29, 101744.	1.5	14
10	Alleviation of drought stress by melatonin foliar treatment on two flax varieties under sandy soil. Physiology and Molecular Biology of Plants, 2020, 26, 907-919.	1.4	37
11	Effect of garlic extract, ascorbic acid and nicotinamide on growth, some biochemical aspects, yield and its components of three faba bean (Vicia faba L.) cultivars under sandy soil conditions. Bulletin of the National Research Centre, 2020, 44, .	0.7	7
12	Physiological and biochemical responses of soybean (Glycine max L.) to cysteine application under sea salt stress. Bulletin of the National Research Centre, 2020, 44, .	0.7	121
13	Mitigation of adverse effects of salinity stress on sunflower plant (Helianthus annuus L.) by exogenous application of chitosan. Bulletin of the National Research Centre, 2020, 44, .	0.7	30
14	Role of melatonin in improving growth, yield quantity and quality of Moringa oleifera L. plant under drought stress. Bulletin of the National Research Centre, 2020, 44, .	0.7	53
15	Nano-Zinc Oxide and Arbuscular mycorrhiza Effects on Physiological and Biochemical Aspects of Wheat Cultivars under Saline Conditions. Pakistan Journal of Biological Sciences, 2020, 23, 478-490.	0.2	11
16	Physiological Aspects of Tyrosine and Salicylic Acid on Morphological, Yield and Biochemical Constituents of Peanut Plants. Pakistan Journal of Biological Sciences, 2020, 23, 375-384.	0.2	10
17	Physiological Role of Iron Chelators and/or Arginine for Improving Yield and Active Constituents of Roselle Sepals. Asian Journal of Plant Sciences, 2020, 19, 77-90.	0.2	2
18	Comparative study for the effect of arginine and sodium nitroprusside on sunflower plants grown under salinity stress conditions. Bulletin of the National Research Centre, 2019, 43, .	0.7	43

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19	The effect of the natural extracts of garlic or Eucalyptus on the growth, yield and some chemical constituents in quinoa plants. Bulletin of the National Research Centre, 2019, 43, .	0.7	9
20	Influence of biofertilizers on growth and some biochemical aspects of flax cultivars grown under sandy soil conditions. Bulletin of the National Research Centre, 2019, 43, .	0.7	10
21	Role of trehalose on antioxidant defense system and some osmolytes of quinoa plants under water deficit. Bulletin of the National Research Centre, 2019, 43, .	0.7	36
22	Impact of silver nanoparticles on plant growth, some biochemical aspects, and yield of fenugreek plant (Trigonella foenum-graecum). Bulletin of the National Research Centre, 2019, 43, .	0.7	141
23	Physiological role of trehalose on enhancing salinity tolerance of wheat plant. Bulletin of the National Research Centre, 2019, 43, .	0.7	56
24	Improving quality and quantity of mungbean plant via foliar application of plant growth regulators in sandy soil conditions. Bulletin of the National Research Centre, 2019, 43, .	0.7	6
25	Physiological role of thiamine and weed control treatments on faba bean and associated weeds grown under salt affected soil. Bulletin of the National Research Centre, 2019, 43, .	0.7	8
26	Comparative studies on the role of benzoic, t-cinnamic, and salicylic acids on growth, some biochemical aspects, and yield of three flax cultivars grown under sandy soil conditions. Bulletin of the National Research Centre, 2019, 43, .	0.7	4
27	Improving Growth, Some Biochemical Aspects and Yield of Three Cultivars of Soybean Plant by Methionine Treatment Under Sandy Soil Condition. International Journal of Environmental Research, 2019, 13, 35-43.	1.1	16
28	Comparison Between the Physiological Role of Carrot Root Extract and Î²-carotene in Inducing Helianthus annuus L. Drought Tolerance. Asian Journal of Biological Sciences, 2019, 12, 231-241.	0.2	13
29	Signal Molecules Improving Growth, Yield and Biochemical Aspects of Wheat Cultivars under Water Stress. Asian Journal of Plant Sciences, 2019, 19, 35-53.	0.2	12
30	Synergistic Effect of Indole Acetic Acid and Gibberellic Acid on Mung Bean Grown under Sandy Soil Conditions. Journal of Applied Sciences, 2019, 19, 718-724.	0.1	4
31	Effect of Lantana Leaf Extract on Growth, Biochemical Aspects and Yield of Chickpea Plants. Trends in Applied Sciences Research, 2019, 14, 98-105.	0.4	0
32	Physiological Response of Two Wheat Cultivars Grown under Sandy Soil Conditions to Aspartic Acid Application. Journal of Applied Sciences, 2019, 19, 811-817.	0.1	5
33	Glutathione Induced Antioxidant Protection Against Salinity Stress in Chickpea (Cicer arietinum L.) Plant. Egyptian Journal of Botany, 2017, 57, 293-302.	0.1	14
34	IMPACT OF FOLIAR APPLICATION OF ASCORBIC ACID AND Î±-TOCOPHEROL ON ANTIOXIDANT ACTIVITY AND SOME BIOCHEMICAL ASPECTS OF FLAX CULTIVARS UNDER SALINITY STRESS. Acta Biologica Colombiana, 2015, 20, .	0.1	23
35	Einfluss der Anwendung einer AminosÃurenmischung auf einige biochemische Aspekte, antioxidative Enzyme und endogene Polyamine der Pflanze Vicia faba bei Stress durch Salz aus Meerwasser. Gesunde Pflanzen, 2015, 67, 119-129.	1.7	44
36	EFFECT OF FOLIAR APPLICATION OF AMINOACIDS ON PLANT YIELD AND PHYSIOLOGICAL PARAMETERS IN BEAN PLANTS IRRIGATED WITH SEAWATER. Acta Biologica Colombiana, 2014, 20, 140-152.	0.1	52

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37	Alleviation of Adverse Effects of Salt Stress in Wheat Cultivars by Foliar Treatment with Antioxidant 2â€"Changes in Some Biochemical Aspects, Lipid Peroxidation, Antioxidant Enzymes and Amino Acid Contents. Agricultural Sciences, 2014, 05, 1269-1280.	0.2	19
38	Influence of humic acid and organic fertilizer on growth, chemical constituents, yield and quality of two flax seed cultivars grown under newly reclaimed sandy soils. International Journal of Academic Research, 2013, 5, 125-134.	0.1	11