Wael Morad Semida

List of Publications by Year
in descending order

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Version: 2024-02-01

33	1,795	270111 25	445137 33
papers	citations	h-index	g-index

33	33	33	1386
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Filter Mud Enhanced Yield and Soil Properties of Water-Stressed Lupinus termis L. in Saline Calcareous Soil. Journal of Soil Science and Plant Nutrition, 2022, 22, 1572-1588.	1.7	25
2	Raised beds modulate physiological responses, yield and water use efficiency of wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	2.4	28
3	Silicon Defensive Role in Maize (Zea mays L.) against Drought Stress and Metals-Contaminated Irrigation Water. Silicon, 2021, 13, 2165-2176.	1.8	40
4	Foliar Application of Zinc Oxide Nanoparticles Promotes Drought Stress Tolerance in Eggplant (Solanum melongena L.). Plants, 2021, 10, 421.	1.6	153
5	Exogenous Micronutrients Modulate Morpho-physiological Attributes, Yield, and Sugar Quality in Two Salt-Stressed Sugar Beet Cultivars. Journal of Soil Science and Plant Nutrition, 2021, 21, 1421-1436.	1.7	27
6	Selenium Modulates Antioxidant Activity, Osmoprotectants, and Photosynthetic Efficiency of Onion under Saline Soil Conditions. Agronomy, 2021, 11, 855.	1.3	30
7	Co-composted Poultry Litter Biochar Enhanced Soil Quality and Eggplant Productivity Under Different Irrigation Regimes. Journal of Soil Science and Plant Nutrition, 2021, 21, 1917-1933.	1.7	29
8	Sequential Antioxidants Foliar Application Can Alleviate Negative Consequences of Salinity Stress in Vicia faba L.. Plants, 2021, 10, 914.	1.6	11
9	Acidified Biochar as a Soil Amendment to Drought Stressed (Vicia faba L.) Plants: Influences on Growth and Productivity, Nutrient Status, and Water Use Efficiency. Agronomy, 2021, 11, 1290.	1.3	32
10	High Nitrogen Fertilization Modulates Morpho-Physiological Responses, Yield, and Water Productivity of Lowland Rice under Deficit Irrigation. Agronomy, 2021, 11, 1291.	1.3	23
11	Foliar Nourishment with Different Zinc-Containing Forms Effectively Sustains Carrot Performance in Zinc-Deficient Soil. Agronomy, 2021, 11, 1853.	1.3	11
12	Application of biostimulants promotes growth and productivity by fortifying the antioxidant machinery and suppressing oxidative stress in faba bean under various abiotic stresses. Scientia Horticulturae, 2021, 288, 110340.	1.7	49
13	Effects of integrated use of residual sulfur-enhanced biochar with effective microorganisms on soil properties, plant growth and short-term productivity of Capsicum annuum under salt stress. Scientia Horticulturae, 2020, 261, 108930.	1.7	67
14	Sequential Application of Antioxidants Rectifies Ion Imbalance and Strengthens Antioxidant Systems in Salt-Stressed Cucumber. Plants, 2020, 9, 1783.	1.6	58
15	Fennel and ammi seed extracts modulate antioxidant defence system and alleviate salinity stress in cowpea (Vigna unguiculata). Scientia Horticulturae, 2020, 272, 109576.	1.7	42
16	Exogenously applied proline enhances growth and productivity of drought stressed onion by improving photosynthetic efficiency, water use efficiency and up-regulating osmoprotectants. Scientia Horticulturae, 2020, 272, 109580.	1.7	73
17	Selenium application in two methods promotes drought tolerance in Solanum lycopersicum plant by inducing the antioxidant defense system. Scientia Horticulturae, 2020, 266, 109290.	1.7	98
18	Heavy metals-resistant bacteria (HM-RB): Potential bioremediators of heavy metals-stressed Spinacia oleracea plant. Ecotoxicology and Environmental Safety, 2020, 198, 110685.	2.9	78

#	Article	IF	Citations
19	Land suitability modeling for newly reclaimed area using GIS-based multi-criteria decision analysis. Environmental Monitoring and Assessment, 2019, 191, 535.	1.3	11
20	Natural bee-honey based biostimulants confer salt tolerance in onion via modulation of the antioxidant defence system. Journal of Horticultural Science and Biotechnology, 2019, 94, 632-642.	0.9	41
21	Biochar implications for sustainable agriculture and environment: A review. South African Journal of Botany, 2019, 127, 333-347.	1.2	110
22	Sequenced ascorbate-proline-glutathione seed treatment elevates cadmium tolerance in cucumber transplants. Ecotoxicology and Environmental Safety, 2018, 154, 171-179.	2.9	65
23	Effect of summer-fall deficit irrigation on morpho-physiological, anatomical responses, fruit yield and water use efficiency of cucumber under salt affected soil. Scientia Horticulturae, 2018, 237, 148-155.	1.7	34
24	Up-regulation of antioxidative defense systems by glycine betaine foliar application in onion plants confer tolerance to salinity stress. Scientia Horticulturae, 2018, 240, 614-622.	1.7	75
25	Combined effect of deficit irrigation and foliar-applied salicylic acid on physiological responses, yield, and water-use efficiency of onion plants in saline calcareous soil. Archives of Agronomy and Soil Science, 2017, 63, 1227-1239.	1.3	50
26	Moringa leaf extract as biostimulant improves water use efficiency, physio-biochemical attributes of squash plants under deficit irrigation. Agricultural Water Management, 2017, 193, 46-54.	2.4	124
27	Foliar-applied É'-tocopherol enhances salt-tolerance in onion plants by improving antioxidant defence system. Australian Journal of Crop Science, 2016, 10, 1030-1039.	0.1	47
28	Effect of mulching on plant water status, soil salinity and yield of squash under summer-fall deficit irrigation in salt affected soil. Agricultural Water Management, 2016, 173, 1-12.	2.4	75
29	The effect of compost on growth and yield of Phaseolus vulgaris plants grown under saline soil. International Journal of Recycling of Organic Waste in Agriculture, 2016, 5, 311-321.	2.0	86
30	Organo mineral fertilizer can mitigate water stress for cucumber production (Cucumis sativus L.). Agricultural Water Management, 2015, 159, 1-10.	2.4	36
31	Effect of deficit irrigation and growing seasons on plant water status, fruit yield and water use efficiency of squash under saline soil. Scientia Horticulturae, 2015, 186, 89-100.	1.7	57
32	Presoaking application of propolis and maize grain extracts alleviates salinity stress in common bean (Phaseolus vulgaris L.). Scientia Horticulturae, 2014, 168, 210-217.	1.7	72
33	Pre-soaking in 24-epibrassinolide or salicylic acid improves seed germination, seedling growth, and anti-oxidant capacity inPhaseolus vulgarisL. grown under NaCl stress. Journal of Horticultural Science and Biotechnology, 2014, 89, 338-344.	0.9	38