

Wael Morad Semida

List of Publications by Year in descending order

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33
papers

1,795
citations

270111

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445137

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docs citations

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times ranked

1386
citing authors

#	ARTICLE	IF	CITATIONS
1	Foliar Application of Zinc Oxide Nanoparticles Promotes Drought Stress Tolerance in Eggplant (<i>Solanum melongena</i> L.). <i>Plants</i> , 2021, 10, 421.	1.6	153
2	Moringa leaf extract as biostimulant improves water use efficiency, physio-biochemical attributes of squash plants under deficit irrigation. <i>Agricultural Water Management</i> , 2017, 193, 46-54.	2.4	124
3	Biochar implications for sustainable agriculture and environment: A review. <i>South African Journal of Botany</i> , 2019, 127, 333-347.	1.2	110
4	Selenium application in two methods promotes drought tolerance in <i>Solanum lycopersicum</i> plant by inducing the antioxidant defense system. <i>Scientia Horticulturae</i> , 2020, 266, 109290.	1.7	98
5	The effect of compost on growth and yield of <i>Phaseolus vulgaris</i> plants grown under saline soil. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2016, 5, 311-321.	2.0	86
6	Heavy metals-resistant bacteria (HM-RB): Potential bioremediators of heavy metals-stressed <i>Spinacia oleracea</i> plant. <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110685.	2.9	78
7	Effect of mulching on plant water status, soil salinity and yield of squash under summer-fall deficit irrigation in salt affected soil. <i>Agricultural Water Management</i> , 2016, 173, 1-12.	2.4	75
8	Up-regulation of antioxidative defense systems by glycine betaine foliar application in onion plants confer tolerance to salinity stress. <i>Scientia Horticulturae</i> , 2018, 240, 614-622.	1.7	75
9	Exogenously applied proline enhances growth and productivity of drought stressed onion by improving photosynthetic efficiency, water use efficiency and up-regulating osmoprotectants. <i>Scientia Horticulturae</i> , 2020, 272, 109580.	1.7	73
10	Presoaking application of propolis and maize grain extracts alleviates salinity stress in common bean (<i>Phaseolus vulgaris</i> L.). <i>Scientia Horticulturae</i> , 2014, 168, 210-217.	1.7	72
11	Effects of integrated use of residual sulfur-enhanced biochar with effective microorganisms on soil properties, plant growth and short-term productivity of <i>Capsicum annuum</i> under salt stress. <i>Scientia Horticulturae</i> , 2020, 261, 108930.	1.7	67
12	Sequenced ascorbate-proline-glutathione seed treatment elevates cadmium tolerance in cucumber transplants. <i>Ecotoxicology and Environmental Safety</i> , 2018, 154, 171-179.	2.9	65
13	Sequential Application of Antioxidants Rectifies Ion Imbalance and Strengthens Antioxidant Systems in Salt-Stressed Cucumber. <i>Plants</i> , 2020, 9, 1783.	1.6	58
14	Effect of deficit irrigation and growing seasons on plant water status, fruit yield and water use efficiency of squash under saline soil. <i>Scientia Horticulturae</i> , 2015, 186, 89-100.	1.7	57
15	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. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1227-1239.	1.3	50
16	Application of biostimulants promotes growth and productivity by fortifying the antioxidant machinery and suppressing oxidative stress in faba bean under various abiotic stresses. <i>Scientia Horticulturae</i> , 2021, 288, 110340.	1.7	49
17	Foliar-applied α -tocopherol enhances salt-tolerance in onion plants by improving antioxidant defence system. <i>Australian Journal of Crop Science</i> , 2016, 10, 1030-1039.	0.1	47
18	Fennel and ammi seed extracts modulate antioxidant defence system and alleviate salinity stress in cowpea (<i>Vigna unguiculata</i>). <i>Scientia Horticulturae</i> , 2020, 272, 109576.	1.7	42

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19	Natural bee-honey based biostimulants confer salt tolerance in onion via modulation of the antioxidant defence system. <i>Journal of Horticultural Science and Biotechnology</i> , 2019, 94, 632-642.	0.9	41
20	Silicon Defensive Role in Maize (<i>Zea mays</i> L.) against Drought Stress and Metals-Contaminated Irrigation Water. <i>Silicon</i> , 2021, 13, 2165-2176.	1.8	40
21	Pre-soaking in 24-epibrassinolide or salicylic acid improves seed germination, seedling growth, and anti-oxidant capacity in <i>Phaseolus vulgaris</i> L. grown under NaCl stress. <i>Journal of Horticultural Science and Biotechnology</i> , 2014, 89, 338-344.	0.9	38
22	Organo mineral fertilizer can mitigate water stress for cucumber production (<i>Cucumis sativus</i> L.). <i>Agricultural Water Management</i> , 2015, 159, 1-10.	2.4	36
23	Effect of summer-fall deficit irrigation on morpho-physiological, anatomical responses, fruit yield and water use efficiency of cucumber under salt affected soil. <i>Scientia Horticulturae</i> , 2018, 237, 148-155.	1.7	34
24	Acidified Biochar as a Soil Amendment to Drought Stressed (<i>Vicia faba</i> L.) Plants: Influences on Growth and Productivity, Nutrient Status, and Water Use Efficiency. <i>Agronomy</i> , 2021, 11, 1290.	1.3	32
25	Selenium Modulates Antioxidant Activity, Osmoprotectants, and Photosynthetic Efficiency of Onion under Saline Soil Conditions. <i>Agronomy</i> , 2021, 11, 855.	1.3	30
26	Co-composted Poultry Litter Biochar Enhanced Soil Quality and Eggplant Productivity Under Different Irrigation Regimes. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 1917-1933.	1.7	29
27	Raised beds modulate physiological responses, yield and water use efficiency of wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	28
28	Exogenous Micronutrients Modulate Morpho-physiological Attributes, Yield, and Sugar Quality in Two Salt-Stressed Sugar Beet Cultivars. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 1421-1436.	1.7	27
29	Filter Mud Enhanced Yield and Soil Properties of Water-Stressed <i>Lupinus termis</i> L. in Saline Calcareous Soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 1572-1588.	1.7	25
30	High Nitrogen Fertilization Modulates Morpho-Physiological Responses, Yield, and Water Productivity of Lowland Rice under Deficit Irrigation. <i>Agronomy</i> , 2021, 11, 1291.	1.3	23
31	Land suitability modeling for newly reclaimed area using GIS-based multi-criteria decision analysis. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 535.	1.3	11
32	Sequential Antioxidants Foliar Application Can Alleviate Negative Consequences of Salinity Stress in <i>Vicia faba</i> L.. <i>Plants</i> , 2021, 10, 914.	1.6	11
33	Foliar Nourishment with Different Zinc-Containing Forms Effectively Sustains Carrot Performance in Zinc-Deficient Soil. <i>Agronomy</i> , 2021, 11, 1853.	1.3	11