Mamdouh A Eissa

List of Publications by Year
in descending order

63	1,403	304743	414414
papers	citations	22 h-index	32 g-index

67	67	67	871
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of potassium solubilizing bacteria (Bacillus cereus) on growth and yield of potato. Journal of Plant Nutrition, 2021, 44, 411-420.	1.9	80
2	Effect of some organic amendments on barley plants under saline condition. Journal of Plant Nutrition, 2020, 43, 1840-1851.	1.9	58
3	Effect of biochar on yield and quality of tomato grown on a metal-contaminated soil. Scientia Horticulturae, 2020, 265, 109210.	3.6	55
4	Effect of Exogenously Applied Jasmonic Acid and Kinetin on Drought Tolerance of Wheat Cultivars Based on Morpho-Physiological Evaluation. Journal of Soil Science and Plant Nutrition, 2021, 21, 131-144.	3.4	52
5	Biochar effects on nitrogen and phosphorus use efficiencies of zucchini plants grown in a calcareous sandy soil. Journal of Soil Science and Plant Nutrition, 2017, 17, 912-921.	3.4	48
6	Biochar impacts on NH3-volatilization kinetics and growth of sweet basil (Ocimum basilicum L.) under saline conditions. Industrial Crops and Products, 2020, 157, 112903.	5.2	48
7	Biochar and compost enhance soil quality and growth of roselle (Hibiscus sabdariffa L.) under saline conditions. Scientific Reports, 2021, 11, 8739.	3.3	45
8	Growth and biochemical changes in quail bush (Atriplex lentiformis (Torr.) S.Wats) under Cd stress. Environmental Science and Pollution Research, 2019, 26, 628-635.	5.3	44
9	Evaluation of quality and growth of roselle (Hibiscus sabdariffa L.) as affected by bio-fertilizers. Journal of Plant Nutrition, 2020, 43, 1025-1035.	1.9	44
10	Impact of Compost on Metals Phytostabilization Potential of Two Halophytes Species. International Journal of Phytoremediation, 2015, 17, 662-668.	3.1	38
11	Comparison between organic and inorganic nutrition for tomato. Journal of Plant Nutrition, 2017, 40, 1900-1907.	1.9	38
12	Phytoextraction mechanism of Cd by Atriplex lentiformis using some mobilizing agents. Ecological Engineering, 2017, 108, 220-226.	3.6	37
13	Impact of in vitro cold stress on two banana genotypes based on physio-biochemical Evaluation. South African Journal of Botany, 2018, 119, 219-225.	2.5	33
14	Controlled-release N fertilizer to mitigate ammonia volatilization from double-cropping rice. Nutrient Cycling in Agroecosystems, 2021, 119, 123-137.	2.2	33
15	Effect of cow manure biochar on heavy metals uptake and translocation by zucchini (Cucurbita pepo) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	32
16	Mechanisms of Chitosan Nanoparticles in the Regulation of Cold Stress Resistance in Banana Plants. Nanomaterials, 2021, 11, 2670.	4.1	32
17	Nitrogen fertilization: Effect on Cd-phytoextraction by the halophytic plant quail bush [Atriplex lentiformis (Torr.) S. Wats]. South African Journal of Botany, 2018, 115, 126-131.	2.5	29
18	Phosphate and Organic Amendments for Safe Production of Okra from Metalâ€Contaminated Soils. Agronomy Journal, 2016, 108, 540-547.	1.8	28

#	Article	IF	Citations
19	Heavy metals uptake and translocation by lettuce and spinach grown on a metal-contaminated soil. Journal of Soil Science and Plant Nutrition, 2018, , 0-0.	3.4	26
20	Biochar blended humate and vermicompost enhanced immobilization of heavy metals, improved wheat productivity, and minimized human health risks in different contaminated environments. Journal of Environmental Chemical Engineering, 2021, 9, 105700.	6.7	26
21	Effect of sugarcane vinasse and EDTA on cadmium phytoextraction by two saltbush plants. Environmental Science and Pollution Research, 2016, 23, 10247-10254.	5.3	25
22	Thompson Seedless Grapevines Growth and Quality as Affected by Glutamic Acid, Vitamin B, and Algae. Journal of Soil Science and Plant Nutrition, 2019, 19, 725-733.	3.4	25
23	Nutrition of drip irrigated corn by phosphorus under sandy calcareous soils. Journal of Plant Nutrition, 2016, 39, 1620-1626.	1.9	24
24	Phytoremediation Capacity of Some Forage Plants Grown on a Metals-Contaminated Soil. Soil and Sediment Contamination, 2019, 28, 569-581.	1.9	24
25	Role of Marine Algae Extracts in Water Stress Resistance of Onion Under Semiarid Conditions. Journal of Soil Science and Plant Nutrition, 2020, 20, 1092-1101.	3.4	24
26	Production of the forage halophyte Atriplex amnicola in metalâ€contaminated soils. Soil Use and Management, 2016, 32, 350-356.	4.9	22
27	Nitrogen and Phosphorus Fertilization for some Atriplex Plants Grown on Metal-contaminated Soils. Soil and Sediment Contamination, 2016, 25, 431-442.	1.9	22
28	Efficiency of P Fertigation for Drip-Irrigated Potato Grown on Calcareous Sandy Soils. Potato Research, 2019, 62, 97-108.	2.7	22
29	Effect of Compost and Biochar on Heavy Metals Phytostabilization by the Halophytic Plant Old Man Saltbush [Atriplex Nummularia Lindl]. Soil and Sediment Contamination, 2019, 28, 135-147.	1.9	22
30	Effect of Biochar on CO2 Sequestration and Productivity of Pearl Millet Plants Grown in Saline Sodic Soils. Journal of Soil Science and Plant Nutrition, 2021, 21, 897-907.	3.4	22
31	Effect of Manure and Compost on the Phytostabilization Potential of Heavy Metals by the Halophytic Plant Wavy-Leaved Saltbush. Plants, 2021, 10, 2176.	3.5	21
32	Effect of Potassium Solubilizing Bacteria and Humic Acid on Faba Bean (Vicia faba L.) Plants Grown on Sandy Loam Soils. Journal of Soil Science and Plant Nutrition, 2021, 21, 791-800.	3.4	18
33	Effects and Mechanism of Continuous Liming on Cadmium Immobilization and Uptake by Rice Grown on Acid Paddy Soils. Journal of Soil Science and Plant Nutrition, 2020, 20, 2316-2328.	3.4	17
34	Improving quality of metal-contaminated soils by some halophyte and non-halophyte forage plants. Science of the Total Environment, 2021, 764, 142885.	8.0	17
35	Corn Cob-Derived Biochar Improves the Growth of Saline-Irrigated Quinoa in Different Orders of Egyptian Soils. Horticulturae, 2021, 7, 221.	2.8	17
36	Green nanosilica enhanced the salt-tolerance defenses and yield of Williams banana: A field trial for using saline water in low fertile arid soil. Environmental and Experimental Botany, 2022, 197, 104843.	4.2	16

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37	Effect of deficit irrigation on drip-irrigated wheat grown in semi-arid conditions of Upper Egypt. Journal of Plant Nutrition, 2018, 41, 1576-1586.	1.9	15
38	Induction of Catharanthus roseus Secondary Metabolites When Calotropis procera Was Used as Bio-Stimulant. Plants, 2021, 10, 1623.	3.5	14
39	Effect of nitrogen rates on drip irrigated maize grown under deficit irrigation. Journal of Plant Nutrition, 2019, 42, 127-136.	1.9	13
40	Increasing yield, quality and profitability of winter oilseed rape (Brassica napus) under combinations of nutrient levels in fertiliser and planting density. Crop and Pasture Science, 2020, 71, 1010.	1.5	13
41	Mechanisms of Nitric Oxide in the Regulation of Chilling Stress Tolerance in Camellia sinensis. Horticulturae, 2021, 7, 410.	2.8	13
42	Recycling of sugar crop disposal to boost the adaptation of canola (Brassica napus L.) to abiotic stress through different climate zones. Journal of Environmental Management, 2021, 281, 111881.	7.8	12
43	A New Method to Recycle Dairy Waste for the Nutrition of Wheat Plants. Agronomy, 2021, 11, 840.	3.0	12
44	Calcium-Rich Biochar Stimulates Salt Resistance in Pearl Millet (Pennisetum glaucum L.) Plants by Improving Soil Quality and Enhancing the Antioxidant Defense. Plants, 2022, 11, 1301.	3.5	12
45	Balanced fertilization under different plant densities for winter oilseed rape (Brassica napus L.) grown on paddy soils in Southern China. Industrial Crops and Products, 2020, 151, 112413.	5.2	10
46	Effect of phosphorus-loaded biochar and nitrogen-fertilization on release kinetic of toxic heavy metals and tomato growth. International Journal of Phytoremediation, 2022, 24, 156-165.	3.1	9
47	Irrigation and biochar effects on pearl millet and kinetics of ammonia volatilization from saline sandy soils. Journal of Soil Science and Plant Nutrition, 2022, 22, 1546-1558.	3.4	9
48	Evaluation of natural fertilizer extracted from expired dairy products as a soil amendment. Journal of Soil Science and Plant Nutrition, 2018, , 0-0.	3.4	8
49	Utilization of some organic wastes as growing media for lettuce (Lactuca sativa L.) plants. Journal of Plant Nutrition, 2020, 43, 2092-2105.	1.9	8
50	Effect of biochar addition method on ammonia volatilization and quality of chicken manure compost. Zemdirbyste, 2021, 108, 331-338.	0.8	8
51	Jasmonic Acid and EDTA-Enhanced Cd and Pb Phytoextraction by the Halophytic Plants Quail Bush [Atriplex lentiformis (Torr.) S. Wats]. Journal of Soil Science and Plant Nutrition, 2022, 22, 1434-1445.	3.4	7
52	Optimum rate of nitrogen fertilization for drip-irrigated wheat under semi-arid conditions. Journal of Plant Nutrition, 2018, 41, 1414-1424.	1.9	6
53	Corn Wastes and Peanut Shell as Growing Media for Production of Red Radish Plants in Soilless System. Communications in Soil Science and Plant Analysis, 2020, 51, 1799-1810.	1.4	6
54	Effect of Amount of Irrigation and Type of P Fertilizer on Potato Yield and NH3 Volatilization from Alkaline Sandy Soils. Journal of Soil Science and Plant Nutrition, 2021, 21, 1565-1576.	3.4	6

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55	Adapting date palm offshoots to long-term irrigation using groundwater in sandy soil. Folia Oecologica, 2021, 48, 55-62.	0.7	6
56	Compost Enhances Forage Yield and Quality of River Saltbush in Arid Conditions. Agriculture (Switzerland), 2021, 11, 595.	3.1	6
57	Soil microbial biomass, CO2 and NH3 emission and nitrogen use efficiency in a sandy soil amended with recycled dairy products. Environmental Technology and Innovation, 2021, 23, 101546.	6.1	6
58	Modeling of Phosphorus Nutrition to Obtain Maximum Yield, High P Use Efficiency and Low P-Loss Risk for Wheat Grown in Sandy Calcareous Soils. Agronomy, 2021, 11, 1950.	3.0	6
59	Nutrients uptake and water use efficiency of drip irrigated maize under deficit irrigation. Journal of Plant Nutrition, 2019, 42, 79-88.	1.9	5
60	Effect of Two Urea Forms and Organic Fertilizer Derived from Expired Milk Products on Dynamic of NH3 Emissions and Growth of Williams Banana. Agronomy, 2021, 11, 1113.	3.0	5
61	Nitrogen and Compost Enhanced the Phytoextraction Potential of Cd and Pb from Contaminated Soils by Quail Bush [Atriplex lentiformis (Torr.) S.Wats]. Journal of Soil Science and Plant Nutrition, 2022, 22, 177-185.	3.4	5
62	The Exogenous Application of Micro-Nutrient Elements and Amino Acids Improved the Yield, Nutritional Status and Quality of Mango in Arid Regions. Plants, 2021, 10, 2057.	3.5	3
63	Nitrogen-Reduction in Intensive Cultivation Improved Nitrogen Fertilizer Utilization Efficiency and Soil Nitrogen Mineralization of Double-Cropped Rice. Agronomy, 2022, 12, 1103.	3.0	3