

Mamdouh A Eissa

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,403
citations

304743

22
h-index

414414

32
g-index

67
all docs

67
docs citations

67
times ranked

871
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of phosphorus-loaded biochar and nitrogen-fertilization on release kinetic of toxic heavy metals and tomato growth. <i>International Journal of Phytoremediation</i> , 2022, 24, 156-165.	3.1	9
2	Nitrogen and Compost Enhanced the Phytoextraction Potential of Cd and Pb from Contaminated Soils by Quail Bush [<i>Atriplex lentiformis</i> (Torr.) S.Wats]. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 177-185.	3.4	5
3	Irrigation and biochar effects on pearl millet and kinetics of ammonia volatilization from saline sandy soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 1546-1558.	3.4	9
4	Jasmonic Acid and EDTA-Enhanced Cd and Pb Phytoextraction by the Halophytic Plants Quail Bush [<i>Atriplex lentiformis</i> (Torr.) S. Wats]. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 1434-1445.	3.4	7
5	Green nanosilica enhanced the salt-tolerance defenses and yield of Williams banana: A field trial for using saline water in low fertile arid soil. <i>Environmental and Experimental Botany</i> , 2022, 197, 104843.	4.2	16
6	Nitrogen-Reduction in Intensive Cultivation Improved Nitrogen Fertilizer Utilization Efficiency and Soil Nitrogen Mineralization of Double-Cropped Rice. <i>Agronomy</i> , 2022, 12, 1103.	3.0	3
7	Calcium-Rich Biochar Stimulates Salt Resistance in Pearl Millet (<i>Pennisetum glaucum</i> L.) Plants by Improving Soil Quality and Enhancing the Antioxidant Defense. <i>Plants</i> , 2022, 11, 1301.	3.5	12
8	Effect of Exogenously Applied Jasmonic Acid and Kinetin on Drought Tolerance of Wheat Cultivars Based on Morpho-Physiological Evaluation. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 131-144.	3.4	52
9	Improving quality of metal-contaminated soils by some halophyte and non-halophyte forage plants. <i>Science of the Total Environment</i> , 2021, 764, 142885.	8.0	17
10	Effect of potassium solubilizing bacteria (<i>Bacillus cereus</i>) on growth and yield of potato. <i>Journal of Plant Nutrition</i> , 2021, 44, 411-420.	1.9	80
11	Effect of Potassium Solubilizing Bacteria and Humic Acid on Faba Bean (<i>Vicia faba</i> L.) Plants Grown on Sandy Loam Soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 791-800.	3.4	18
12	Effect of Biochar on CO ₂ Sequestration and Productivity of Pearl Millet Plants Grown in Saline Sodic Soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 897-907.	3.4	22
13	Controlled-release N fertilizer to mitigate ammonia volatilization from double-cropping rice. <i>Nutrient Cycling in Agroecosystems</i> , 2021, 119, 123-137.	2.2	33
14	Recycling of sugar crop disposal to boost the adaptation of canola (<i>Brassica napus</i> L.) to abiotic stress through different climate zones. <i>Journal of Environmental Management</i> , 2021, 281, 111881.	7.8	12
15	Effect of Amount of Irrigation and Type of P Fertilizer on Potato Yield and NH ₃ Volatilization from Alkaline Sandy Soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 1565-1576.	3.4	6
16	Adapting date palm offshoots to long-term irrigation using groundwater in sandy soil. <i>Folia Oecologica</i> , 2021, 48, 55-62.	0.7	6
17	Biochar and compost enhance soil quality and growth of roselle (<i>Hibiscus sabdariffa</i> L.) under saline conditions. <i>Scientific Reports</i> , 2021, 11, 8739.	3.3	45
18	A New Method to Recycle Dairy Waste for the Nutrition of Wheat Plants. <i>Agronomy</i> , 2021, 11, 840.	3.0	12

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19	Effect of Two Urea Forms and Organic Fertilizer Derived from Expired Milk Products on Dynamic of NH ₃ Emissions and Growth of Williams Banana. <i>Agronomy</i> , 2021, 11, 1113.	3.0	5
20	Compost Enhances Forage Yield and Quality of River Saltbush in Arid Conditions. <i>Agriculture (Switzerland)</i> , 2021, 11, 595.	3.1	6
21	Induction of <i>Catharanthus roseus</i> Secondary Metabolites When <i>Calotropis procera</i> Was Used as Bio-Stimulant. <i>Plants</i> , 2021, 10, 1623.	3.5	14
22	Biochar blended humate and vermicompost enhanced immobilization of heavy metals, improved wheat productivity, and minimized human health risks in different contaminated environments. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105700.	6.7	26
23	Corn Cob-Derived Biochar Improves the Growth of Saline-Irrigated Quinoa in Different Orders of Egyptian Soils. <i>Horticulturae</i> , 2021, 7, 221.	2.8	17
24	Soil microbial biomass, CO ₂ and NH ₃ emission and nitrogen use efficiency in a sandy soil amended with recycled dairy products. <i>Environmental Technology and Innovation</i> , 2021, 23, 101546.	6.1	6
25	The Exogenous Application of Micro-Nutrient Elements and Amino Acids Improved the Yield, Nutritional Status and Quality of Mango in Arid Regions. <i>Plants</i> , 2021, 10, 2057.	3.5	3
26	Modeling of Phosphorus Nutrition to Obtain Maximum Yield, High P Use Efficiency and Low P-Loss Risk for Wheat Grown in Sandy Calcareous Soils. <i>Agronomy</i> , 2021, 11, 1950.	3.0	6
27	Mechanisms of Nitric Oxide in the Regulation of Chilling Stress Tolerance in <i>Camellia sinensis</i> . <i>Horticulturae</i> , 2021, 7, 410.	2.8	13
28	Effect of Manure and Compost on the Phytostabilization Potential of Heavy Metals by the Halophytic Plant Wavy-Leaved Saltbush. <i>Plants</i> , 2021, 10, 2176.	3.5	21
29	Mechanisms of Chitosan Nanoparticles in the Regulation of Cold Stress Resistance in Banana Plants. <i>Nanomaterials</i> , 2021, 11, 2670.	4.1	32
30	Effect of biochar addition method on ammonia volatilization and quality of chicken manure compost. <i>Zemdirbyste</i> , 2021, 108, 331-338.	0.8	8
31	Evaluation of quality and growth of roselle (<i>Hibiscus sabdariffa</i> L.) as affected by bio-fertilizers. <i>Journal of Plant Nutrition</i> , 2020, 43, 1025-1035.	1.9	44
32	Biochar impacts on NH ₃ -volatilization kinetics and growth of sweet basil (<i>Ocimum basilicum</i> L.) under saline conditions. <i>Industrial Crops and Products</i> , 2020, 157, 112903.	5.2	48
33	Effects and Mechanism of Continuous Liming on Cadmium Immobilization and Uptake by Rice Grown on Acid Paddy Soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 2316-2328.	3.4	17
34	Corn Wastes and Peanut Shell as Growing Media for Production of Red Radish Plants in Soilless System. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 1799-1810.	1.4	6
35	Utilization of some organic wastes as growing media for lettuce (<i>Lactuca sativa</i> L.) plants. <i>Journal of Plant Nutrition</i> , 2020, 43, 2092-2105.	1.9	8
36	Role of Marine Algae Extracts in Water Stress Resistance of Onion Under Semiarid Conditions. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1092-1101.	3.4	24

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37	Effect of biochar on yield and quality of tomato grown on a metal-contaminated soil. <i>Scientia Horticulturae</i> , 2020, 265, 109210.	3.6	55
38	Effect of some organic amendments on barley plants under saline condition. <i>Journal of Plant Nutrition</i> , 2020, 43, 1840-1851.	1.9	58
39	Balanced fertilization under different plant densities for winter oilseed rape (<i>Brassica napus</i> L.) grown on paddy soils in Southern China. <i>Industrial Crops and Products</i> , 2020, 151, 112413.	5.2	10
40	Increasing yield, quality and profitability of winter oilseed rape (<i>Brassica napus</i>) under combinations of nutrient levels in fertiliser and planting density. <i>Crop and Pasture Science</i> , 2020, 71, 1010.	1.5	13
41	Phytoremediation Capacity of Some Forage Plants Grown on a Metals-Contaminated Soil. <i>Soil and Sediment Contamination</i> , 2019, 28, 569-581.	1.9	24
42	Thompson Seedless Grapevines Growth and Quality as Affected by Glutamic Acid, Vitamin B, and Algae. <i>Journal of Soil Science and Plant Nutrition</i> , 2019, 19, 725-733.	3.4	25
43	Efficiency of P Fertigation for Drip-Irrigated Potato Grown on Calcareous Sandy Soils. <i>Potato Research</i> , 2019, 62, 97-108.	2.7	22
44	Nutrients uptake and water use efficiency of drip irrigated maize under deficit irrigation. <i>Journal of Plant Nutrition</i> , 2019, 42, 79-88.	1.9	5
45	Effect of nitrogen rates on drip irrigated maize grown under deficit irrigation. <i>Journal of Plant Nutrition</i> , 2019, 42, 127-136.	1.9	13
46	Growth and biochemical changes in quail bush (<i>Atriplex lentiformis</i> (Torr.) S.Wats) under Cd stress. <i>Environmental Science and Pollution Research</i> , 2019, 26, 628-635.	5.3	44
47	Effect of cow manure biochar on heavy metals uptake and translocation by zucchini (<i>Cucurbita pepo</i>) Tj ETQq1 1 0,784314 rgBT /Ov	1.8	32
48	Effect of Compost and Biochar on Heavy Metals Phytostabilization by the Halophytic Plant Old Man Saltbush [<i>Atriplex Nummularia</i> Lindl]. <i>Soil and Sediment Contamination</i> , 2019, 28, 135-147.	1.9	22
49	Nitrogen fertilization: Effect on Cd-phytoextraction by the halophytic plant quail bush [<i>Atriplex lentiformis</i> (Torr.) S. Wats]. <i>South African Journal of Botany</i> , 2018, 115, 126-131.	2.5	29
50	Effect of deficit irrigation on drip-irrigated wheat grown in semi-arid conditions of Upper Egypt. <i>Journal of Plant Nutrition</i> , 2018, 41, 1576-1586.	1.9	15
51	Optimum rate of nitrogen fertilization for drip-irrigated wheat under semi-arid conditions. <i>Journal of Plant Nutrition</i> , 2018, 41, 1414-1424.	1.9	6
52	Heavy metals uptake and translocation by lettuce and spinach grown on a metal-contaminated soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2018, , 0-0.	3.4	26
53	Evaluation of natural fertilizer extracted from expired dairy products as a soil amendment. <i>Journal of Soil Science and Plant Nutrition</i> , 2018, , 0-0.	3.4	8
54	Impact of in vitro cold stress on two banana genotypes based on physio-biochemical Evaluation. <i>South African Journal of Botany</i> , 2018, 119, 219-225.	2.5	33

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55	Phytoextraction mechanism of Cd by <i>Atriplex lentiformis</i> using some mobilizing agents. <i>Ecological Engineering</i> , 2017, 108, 220-226.	3.6	37
56	Comparison between organic and inorganic nutrition for tomato. <i>Journal of Plant Nutrition</i> , 2017, 40, 1900-1907.	1.9	38
57	Biochar effects on nitrogen and phosphorus use efficiencies of zucchini plants grown in a calcareous sandy soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2017, 17, 912-921.	3.4	48
58	Phosphate and Organic Amendments for Safe Production of Okra from Metal-Contaminated Soils. <i>Agronomy Journal</i> , 2016, 108, 540-547.	1.8	28
59	Effect of sugarcane vinasse and EDTA on cadmium phytoextraction by two saltbush plants. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10247-10254.	5.3	25
60	Nutrition of drip irrigated corn by phosphorus under sandy calcareous soils. <i>Journal of Plant Nutrition</i> , 2016, 39, 1620-1626.	1.9	24
61	Production of the forage halophyte <i>Atriplex amnicola</i> in metal-contaminated soils. <i>Soil Use and Management</i> , 2016, 32, 350-356.	4.9	22
62	Nitrogen and Phosphorus Fertilization for some <i>Atriplex</i> Plants Grown on Metal-contaminated Soils. <i>Soil and Sediment Contamination</i> , 2016, 25, 431-442.	1.9	22
63	Impact of Compost on Metals Phytostabilization Potential of Two Halophytes Species. <i>International Journal of Phytoremediation</i> , 2015, 17, 662-668.	3.1	38