

Ahmed M S Kheir

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,501
citations

331670

21
h-index

330143

37
g-index

46
all docs

46
docs citations

46
times ranked

1222
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing sowing window, cultivar choice, and plant density to boost maize yield under RCP8.5 climate scenario of CMIP5. <i>International Journal of Biometeorology</i> , 2022, 66, 971-985.	3.0	22
2	Genetic Potential and Inheritance Patterns of Physiological, Agronomic and Quality Traits in Bread Wheat under Normal and Water Deficit Conditions. <i>Plants</i> , 2022, 11, 952.	3.5	18
3	Impact of Climate Change on Dryland Agricultural Systems: A Review of Current Status, Potentials, and Further Work Need. <i>International Journal of Plant Production</i> , 2022, 16, 341-363.	2.2	33
4	Study of Microclimate and Sapling Citrus Plant Transpiration in Tunnel Greenhouse Under Mediterranean Conditions. <i>Acta Technologica Agriculturae</i> , 2022, 25, 61-66.	0.9	1
5	Quantitative Estimation of Saline-Soil Amelioration Using Remote-Sensing Indices in Arid Land for Better Management. <i>Land</i> , 2022, 11, 1041.	2.9	16
6	A vermicompost and deep tillage system to improve saline-sodic soil quality and wheat productivity. <i>Journal of Environmental Management</i> , 2021, 277, 111388.	7.8	96
7	Modeling the combined impacts of deficit irrigation, rising temperature and compost application on wheat yield and water productivity. <i>Agricultural Water Management</i> , 2021, 244, 106626.	5.6	78
8	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
9	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
10	Development of a Spatial Model for Soil Quality Assessment under Arid and Semi-Arid Conditions. <i>Sustainability</i> , 2021, 13, 2893.	3.2	23
11	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
12	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
13	Molecular Genetic Diversity and Line \tilde{A} -Tester Analysis for Resistance to Late Wilt Disease and Grain Yield in Maize. <i>Agronomy</i> , 2021, 11, 898.	3.0	26
14	Can sulphur improve the nutrient uptake, partitioning, and seed yield of sesame?. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	7
15	Developing new lines of Japonica rice for higher quality and yield under arid conditions. <i>PeerJ</i> , 2021, 9, e11592.	2.0	6
16	Combining Ability and Gene Action Controlling Grain Yield and Its Related Traits in Bread Wheat under Heat Stress and Normal Conditions. <i>Agronomy</i> , 2021, 11, 1450.	3.0	23
17	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
18	Water deficit induced physiological and amino acid responses in some rice varieties using NMR ¹ metabolic analysis. <i>Agronomy Journal</i> , 2021, 113, 4690-4704.	1.8	4

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19	Modelling and Assessment of Irrigation Water Quality Index Using GIS in Semi-arid Region for Sustainable Agriculture. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	27
20	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
21	Modeling deficit irrigation-based evapotranspiration optimizes wheat yield and water productivity in arid regions. <i>Agricultural Water Management</i> , 2021, 256, 107122.	5.6	34
22	Foliar Application of Nano, Chelated, and Conventional Iron Forms Enhanced Growth, Nutritional Status, Fruiting Aspects, and Fruit Quality of Washington Navel Orange Trees (<i>Citrus sinensis</i> L.) <i>Tj ETQq0 0 0 rgBTz0 Overlock 150 Tf 50 6</i>	3.0	15
23	Combined Application of Compost, Zeolite and a Raised Bed Planting Method Alleviate Salinity Stress and Improve Cereal Crop Productivity in Arid Regions. <i>Agronomy</i> , 2021, 11, 2495.	3.0	9
24	Calibration and Validation of AQUACROP and APSIM Models to Optimize Wheat Yield and Water Saving in Arid Regions. <i>Land</i> , 2021, 10, 1375.	2.9	23
25	Genetic Diversity and Combining Ability of White Maize Inbred Lines under Different Plant Densities. <i>Plants</i> , 2020, 9, 1140.	3.5	21
26	Modeling Land Suitability for Rice Crop Using Remote Sensing and Soil Quality Indicators: The Case Study of the Nile Delta. <i>Sustainability</i> , 2020, 12, 9653.	3.2	41
27	Differences in Physiological and Biochemical Attributes of Wheat in Response to Single and Combined Salicylic Acid and Biochar Subjected to Limited Water Irrigation in Saline Sodic Soil. <i>Plants</i> , 2020, 9, 1346.	3.5	24
28	Seawater intrusion impacts on groundwater and soil quality in the northern part of the Nile Delta, Egypt. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	25
29	The integrated effect of salinity, organic amendments, phosphorus fertilizers, and deficit irrigation on soil properties, phosphorus fractionation and wheat productivity. <i>Scientific Reports</i> , 2020, 10, 2736.	3.3	81
30	Climate change impact and adaptation on wheat yield, water use and water use efficiency at North Nile Delta. <i>Frontiers of Earth Science</i> , 2020, 14, 522-536.	2.1	26
31	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
32	Wheat Crop Modelling for Higher Production. , 2020, , 179-202.		9
33	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
34	Integrated effect of nano-Zn, nano-Si, and drainage using crop strawâ€‘filled ditches on saline sodic soil properties and rice productivity. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	41
35	Exploring Optimal Tillage Improved Soil Characteristics and Productivity of Wheat Irrigated with Different Water Qualities. <i>Agronomy</i> , 2019, 9, 233.	3.0	26
36	Impacts of rising temperature, carbon dioxide concentration and sea level on wheat production in North Nile delta. <i>Science of the Total Environment</i> , 2019, 651, 3161-3173.	8.0	56

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37	Climate change impact and adaptation for wheat protein. <i>Global Change Biology</i> , 2019, 25, 155-173.	9.5	312
38	Effects of Sugar Beet Factory Lime, Vinasse, and Compost Mixed with Vinasse Application on Sandy Soil Properties and Canola Productivity. <i>Journal of Soil Sciences and Agricultural Engineering</i> , 2019, 10, 69-77.	0.1	3
39	Characterizing some Egyptian Bread Wheat Cultivars for Salinity Tolerance. <i>Journal of Plant Production</i> , 2019, 10, 1043-1049.	0.1	3
40	Maize productivity, heavy metals uptake and their availability in contaminated clay and sandy alkaline soils as affected by inorganic and organic amendments. <i>Chemosphere</i> , 2018, 204, 514-522.	8.2	74
41	Saline soil properties, quality and productivity of wheat grown with bagasse ash and thiourea in different climatic zones. <i>Chemosphere</i> , 2018, 193, 538-546.	8.2	78
42	Can Egypt become self-sufficient in wheat?. <i>Environmental Research Letters</i> , 2018, 13, 094012.	5.2	76
43	Influence of Mole Drains and N-Fertilizer Sources on Rhizosphere Activity and Rice Yield in Heavy Clay Salt-affected Soil at North Nile Delta. <i>Journal of Sustainable Agricultural Sciences</i> , 2018, .	0.0	0
44	Experimental and simulated wheat data from across a temperature gradient along the River Nile in Egypt. <i>Open Data Journal for Agricultural Research</i> , 0, 6, 19-20.	1.3	1
45	Agricultural big data and methods and models for food security analysisâ€”a mini-review. <i>PeerJ</i> , 0, 10, e13674.	2.0	6