

# Taia A Abd El-Mageed

## List of Publications by Year in descending order

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36  
papers

1,656  
citations

279701

23  
h-index

360920

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1055  
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	Vital roles of sustainable nano-fertilizers in improving plant quality and quantity-an updated review. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7349-7359.	1.8	91
5	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
6	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
7	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
8	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
9	Exogenous Gibberellic Acid or Dilute Bee Honey Boosts Drought Stress Tolerance in <i>Vicia faba</i> by Rebalancing Osmoprotectants, Antioxidants, Nutrients, and Phytohormones. <i>Plants</i> , 2021, 10, 748.	1.6	65
10	Compost and mulching modulates morphological, physiological responses and water use efficiency in sorghum ( <i>bicolor</i> L. Moench) under low moisture regime. <i>Agricultural Water Management</i> , 2018, 208, 431-439.	2.4	60
11	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
12	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
13	Foliar-applied $\alpha$ -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
14	The control of poultry salmonellosis using organic agents: an updated overview. <i>Poultry Science</i> , 2022, 101, 101716.	1.5	47
15	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
16	Combined effect of deficit irrigation and potassium fertilizer on physiological response, plant water status and yield of soybean in calcareous soil. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 827-840.	1.3	39
17	A novel compost alleviate drought stress for sugar beet production grown in Cd-contaminated saline soil. <i>Agricultural Water Management</i> , 2019, 226, 105831.	2.4	39
18	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

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19	Physio-biochemical and Agronomic Changes of Two Sugar Beet Cultivars Grown in Saline Soil as Influenced by Potassium Fertilizer. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 3636-3654.	1.7	36
20	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
21	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
22	Selenium Modulates Antioxidant Activity, Osmoprotectants, and Photosynthetic Efficiency of Onion under Saline Soil Conditions. <i>Agronomy</i> , 2021, 11, 855.	1.3	30
23	Plant Growth-Promoting Rhizobacteria Improve Growth, Morph-Physiological Responses, Water Productivity, and Yield of Rice Plants Under Full and Deficit Drip Irrigation. <i>Rice</i> , 2022, 15, 16.	1.7	30
24	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
25	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	1.7	28
26	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
27	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
28	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
29	Control of foliar phytoparasitic nematodes through sustainable natural materials: Current progress and challenges. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7314-7326.	1.8	20
30	Residual acidified biochar modulates growth, physiological responses, and water relations of maize ( <i>Zea mays</i> ) under heavy metalâ€“contaminated irrigation water. <i>Environmental Science and Pollution Research</i> , 2020, 27, 22956-22966.	2.7	18
31	Biological control: An effective approach against nematodes using black pepper plants ( <i>Piper nigrum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1.8 18	1.8	18
32	Coapplication of Effective Microorganisms and Nanomagnesium Boosts the Agronomic, Physio-Biochemical, Osmolytes, and Antioxidants Defenses Against Salt Stress in <i>Ipomoea batatas</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	16
33	Combined Effect of Poultry Manure and Soil Mulching on Soil Properties, Physiological Responses, Yields and Water-use Efficiencies of Sorghum Plants under Water Stress. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 2626-2639.	0.6	13
34	Consecutive seasonal effect on yield and water productivity of drip deficit irrigated sorghum in saline soils. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2683-2690.	1.8	13
35	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
36	Bread Wheat Productivity in Response to Humic Acid Supply and Supplementary Irrigation Mode in Three Northwestern Coastal Sites of Egypt. <i>Agronomy</i> , 2022, 12, 1499.	1.3	5