

# Yousef Alhaj Hamoud

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,309  
citations

377584

21  
h-index

425179

34  
g-index

41  
all docs

41  
docs citations

41  
times ranked

918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep placement of nitrogen fertilizer increases rice yield and energy production efficiency under different mechanical rice production systems. <i>Field Crops Research</i> , 2022, 276, 108359.	2.3	12
2	Impacts of Slow-Release Nitrogen Fertilizer Rates on the Morpho-Physiological Traits, Yield, and Nitrogen Use Efficiency of Rice under Different Water Regimes. <i>Agriculture (Switzerland)</i> , 2022, 12, 86.	1.4	9
3	Nitrogen Deep Placement Combined with Straw Mulch Cultivation Enhances Physiological Traits, Grain Yield and Nitrogen Use Efficiency in Mechanical Pot-Seedling Transplanting Rice. <i>Rice Science</i> , 2022, 29, 89-100.	1.7	20
4	Subsurface Drip Irrigation with Emitters Placed at Suitable Depth Can Mitigate N <sub>2</sub> O Emissions and Enhance Chinese Cabbage Yield under Greenhouse Cultivation. <i>Agronomy</i> , 2022, 12, 745.	1.3	8
5	Dissecting the combined effects of cultivar, fertilization, and irrigation on rhizosphere bacterial communities and nitrogen productivity in rice. <i>Science of the Total Environment</i> , 2022, 835, 155534.	3.9	4
6	Managing Fertigation Frequency and Level to Mitigate N <sub>2</sub> O and CO <sub>2</sub> Emissions and NH <sub>3</sub> Volatilization from Subsurface Drip-Fertigated Field in a Greenhouse. <i>Agronomy</i> , 2022, 12, 1414.	1.3	8
7	Natural <sup>15</sup> N abundance as an indicator of nitrogen utilization efficiency in rice under alternate wetting and drying irrigation in soils with high clay contents. <i>Science of the Total Environment</i> , 2022, 838, 156528.	3.9	8
8	A pH-responsive/sustained release nitrogen fertilizer hydrogel based on aminated cellulose nanofiber/cationic copolymer for application in irrigated neutral soils. <i>Journal of Cleaner Production</i> , 2022, 368, 133098.	4.6	19
9	Seed priming and foliar application with jasmonic acid enhance salinity stress tolerance of soybean ( <i>Glycine max</i> L.) seedlings. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2027-2041.	1.7	74
10	Arbuscular Mycorrhizal Fungi and Plant Growth-Promoting Rhizobacteria Enhance Soil Key Enzymes, Plant Growth, Seed Yield, and Qualitative Attributes of Guar. <i>Agriculture (Switzerland)</i> , 2021, 11, 194.	1.4	69
11	Future Irrigation Water Requirements of the Main Crops Cultivated in the Niger River Basin. <i>Atmosphere</i> , 2021, 12, 439.	1.0	6
12	Straw Biochar-induced Modification of the Soil Physical Properties Enhances Growth, Yield and Water Productivity of Maize under Deficit Irrigation. <i>Communications in Soil Science and Plant Analysis</i> , 2021, 52, 1954-1970.	0.6	6
13	Physiological and biochemical responses of soybean plants inoculated with Arbuscular mycorrhizal fungi and <i>Bradyrhizobium</i> under drought stress. <i>BMC Plant Biology</i> , 2021, 21, 195.	1.6	119
14	Zinc oxide nanoparticles: potential effects on soil properties, crop production, food processing, and food quality. <i>Environmental Science and Pollution Research</i> , 2021, 28, 36942-36966.	2.7	35
15	Wheat straw biochar application improves the morphological, physiological, and yield attributes of maize and the physicochemical properties of soil under deficit irrigation and salinity stress. <i>Journal of Plant Nutrition</i> , 2021, 44, 2399-2420.	0.9	11
16	Evaluation of stacking and blending ensemble learning methods for estimating daily reference evapotranspiration. <i>Computers and Electronics in Agriculture</i> , 2021, 184, 106039.	3.7	74
17	Innovative two-phase air plasma activation approach for green and efficient functionalization of nanofibrillated cellulose surfaces from wheat straw. <i>Journal of Cleaner Production</i> , 2021, 297, 126664.	4.6	10
18	Inoculation with <i>Bacillus amyloliquefaciens</i> and mycorrhiza confers tolerance to drought stress and improve seed yield and quality of soybean plant. <i>Physiologia Plantarum</i> , 2021, 172, 2153-2169.	2.6	87

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19	Thermo-/pH-responsive preservative delivery based on TEMPO cellulose nanofiber/cationic copolymer hydrogel film in fruit packaging. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1911-1924.	3.6	31
20	Effects of nitrogen deep placement coupled with straw incorporation on grain quality and root traits from paddy fields. <i>Crop Science</i> , 2021, 61, 3675-3686.	0.8	14
21	Synthesis of a pH-responsive nano-cellulose/sodium alginate/MOFs hydrogel and its application in the regulation of water and N-fertilizer. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 262-271.	3.6	46
22	A TEMPO-oxidized cellulose nanofibers/MOFs hydrogel with temperature and pH responsiveness for fertilizers slow-release. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 483-491.	3.6	44
23	Synthesis of bio-based MIL-100(Fe)@CNF-SA composite hydrogel and its application in slow-release N-fertilizer. <i>Journal of Cleaner Production</i> , 2021, 324, 129274.	4.6	26
24	Comparison of five Boosting-based models for estimating daily reference evapotranspiration with limited meteorological variables. <i>PLoS ONE</i> , 2020, 15, e0235324.	1.1	36
25	Polyamine biosynthetic pathways and their relation with the cold tolerance of maize ( <i>Zea mays</i> ) Tj ETQq1 1 0.784314 1.2 38	1.2	38
26	The Integration of Bio and Organic Fertilizers Improve Plant Growth, Grain Yield, Quality and Metabolism of Hybrid Maize ( <i>Zea mays</i> L.). <i>Agronomy</i> , 2020, 10, 319.	1.3	109
27	Effects of Different Irrigation Treatments on Aquaculture Purification and Soil Desalination of Paddy Fields. <i>Water (Switzerland)</i> , 2019, 11, 1424.	1.2	4
28	Impact of alternative wetting and soil drying and soil clay content on the morphological and physiological traits of rice roots and their relationships to yield and nutrient use-efficiency. <i>Agricultural Water Management</i> , 2019, 223, 105706.	2.4	43
29	The Global Trend of the Net Irrigation Water Requirement of Maize from 1960 to 2050. <i>Climate</i> , 2019, 7, 124.	1.2	32
30	Effects of vertically heterogeneous soil salinity on tomato photosynthesis and related physiological parameters. <i>Scientia Horticulturae</i> , 2019, 249, 120-130.	1.7	31
31	Response of Fertigation Under Buried Straw Layer on Growth, Yield, and Water-fertilizer Productivity of Chinese Cabbage Under Greenhouse Conditions. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 1030-1043.	0.6	11
32	Effect of Irrigation Regimes and Soil Texture on the Potassium Utilization Efficiency of Rice. <i>Agronomy</i> , 2019, 9, 100.	1.3	36
33	The effect of atmospheric pressure plasma pretreatment with various gases on the structural characteristics and chemical composition of wheat straw and applications to enzymatic hydrolysis. <i>Energy</i> , 2019, 176, 195-210.	4.5	35
34	GABA-Alleviated Oxidative Injury Induced by Salinity, Osmotic Stress and their Combination by Regulating Cellular and Molecular Signals in Rice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5709.	1.8	82
35	Effects of irrigation regime and soil clay content and their interaction on the biological yield, nitrogen uptake and nitrogen-use efficiency of rice grown in southern China. <i>Agricultural Water Management</i> , 2019, 213, 934-946.	2.4	58
36	Investigation on the Utilization Possibility of Orange ( <i>Citrus sinensis</i> var. Valencia) Oil Extracted by Microwave Pretreatment-Improved Steam Distillation as Natural Flavoring Agent Based on its Characteristics Analysis. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2018, 21, 298-316.	0.7	3

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37	Effects of irrigation water regime, soil clay content and their combination on growth, yield, and water use efficiency of rice grown in South China. <i>International Journal of Agricultural and Biological Engineering</i> , 2018, 11, 126-136.	0.3	5
38	Effects of irrigation water regime, soil clay content and their combination on growth, yield, and water use efficiency of rice grown in South China. <i>International Journal of Agricultural and Biological Engineering</i> , 2018, 11, 126-136.	0.3	6
39	Effects of uneven vertical distribution of soil salinity under a buried straw layer on the growth, fruit yield, and fruit quality of tomato plants. <i>Scientia Horticulturae</i> , 2016, 203, 131-142.	1.7	41