

Yousef Alhaj Hamoud

List of Publications by Year in descending order

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39
papers

1,309
citations

331670

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all docs

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docs citations

41
times ranked

829
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.	5.1	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.	3.1	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.	3.9	20
4	Subsurface Drip Irrigation with Emitters Placed at Suitable Depth Can Mitigate N ₂ O Emissions and Enhance Chinese Cabbage Yield under Greenhouse Cultivation. <i>Agronomy</i> , 2022, 12, 745.	3.0	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.	8.0	4
6	Managing Fertigation Frequency and Level to Mitigate N ₂ O and CO ₂ Emissions and NH ₃ Volatilization from Subsurface Drip-Fertigated Field in a Greenhouse. <i>Agronomy</i> , 2022, 12, 1414.	3.0	8
7	Natural ¹⁵ 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.	8.0	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.	9.3	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.	3.5	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.	3.1	69
11	Future Irrigation Water Requirements of the Main Crops Cultivated in the Niger River Basin. <i>Atmosphere</i> , 2021, 12, 439.	2.3	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.	1.4	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.	3.6	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.	5.3	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.	1.9	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.	7.7	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.	9.3	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.	5.2	87

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19	Thermo/pH-responsive preservative delivery based on TEMPO cellulose nanofiber/cationic copolymer hydrogel film in fruit packaging. International Journal of Biological Macromolecules, 2021, 183, 1911-1924.	7.5	31
20	Effects of nitrogen deep placement coupled with straw incorporation on grain quality and root traits from paddy fields. Crop Science, 2021, 61, 3675-3686.	1.8	14
21	Synthesis of a pH-responsive nano-cellulose/sodium alginate/MOFs hydrogel and its application in the regulation of water and N-fertilizer. International Journal of Biological Macromolecules, 2021, 187, 262-271.	7.5	46
22	A TEMPO-oxidized cellulose nanofibers/MOFs hydrogel with temperature and pH responsiveness for fertilizers slow-release. International Journal of Biological Macromolecules, 2021, 191, 483-491.	7.5	44
23	Synthesis of bio-based MIL-100(Fe)@CNF-SA composite hydrogel and its application in slow-release N-fertilizer. Journal of Cleaner Production, 2021, 324, 129274.	9.3	26
24	Comparison of five Boosting-based models for estimating daily reference evapotranspiration with limited meteorological variables. PLoS ONE, 2020, 15, e0235324.	2.5	36
25	Polyamine biosynthetic pathways and their relation with the cold tolerance of maize (<i>Zea mays</i>) Tj ETQq1 1 0.784314 39 BT /Over 2.4	2.4	39
26	The Integration of Bio and Organic Fertilizers Improve Plant Growth, Grain Yield, Quality and Metabolism of Hybrid Maize (<i>Zea mays</i> L.). Agronomy, 2020, 10, 319.	3.0	109
27	Effects of Different Irrigation Treatments on Aquaculture Purification and Soil Desalination of Paddy Fields. Water (Switzerland), 2019, 11, 1424.	2.7	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. Agricultural Water Management, 2019, 223, 105706.	5.6	43
29	The Global Trend of the Net Irrigation Water Requirement of Maize from 1960 to 2050. Climate, 2019, 7, 124.	2.8	32
30	Effects of vertically heterogeneous soil salinity on tomato photosynthesis and related physiological parameters. Scientia Horticulturae, 2019, 249, 120-130.	3.6	31
31	Response of Fertigation Under Buried Straw Layer on Growth, Yield, and Water-fertilizer Productivity of Chinese Cabbage Under Greenhouse Conditions. Communications in Soil Science and Plant Analysis, 2019, 50, 1030-1043.	1.4	11
32	Effect of Irrigation Regimes and Soil Texture on the Potassium Utilization Efficiency of Rice. Agronomy, 2019, 9, 100.	3.0	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. Energy, 2019, 176, 195-210.	8.8	35
34	GABA-Alleviated Oxidative Injury Induced by Salinity, Osmotic Stress and their Combination by Regulating Cellular and Molecular Signals in Rice. International Journal of Molecular Sciences, 2019, 20, 5709.	4.1	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. Agricultural Water Management, 2019, 213, 934-946.	5.6	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. Journal of Essential Oil-bearing Plants: JEOP, 2018, 21, 298-316.	1.9	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. International Journal of Agricultural and Biological Engineering, 2018, 11, 126-136.	0.6	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. International Journal of Agricultural and Biological Engineering, 2018, 11, 126-136.	0.6	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. Scientia Horticulturae, 2016, 203, 131-142.	3.6	41