

# Hiba Shaghaleh

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27  
papers

529  
citations

11  
h-index

22  
g-index

31  
ext. papers

903  
ext. citations

5.7  
avg, IF

4.53  
L-index

#	Paper	IF	Citations
27	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> , <b>2022</b> , 12, 86	3	0
26	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> , <b>2022</b> , 12, 745	3.6	2
25	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> , <b>2021</b> , 324, 129274	10.3	2
24	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> , <b>2021</b> , 52, 1954-1970	1.5	1
23	Physiological and biochemical responses of soybean plants inoculated with Arbuscular mycorrhizal fungi and Bradyrhizobium under drought stress. <i>BMC Plant Biology</i> , <b>2021</b> , 21, 195	5.3	39
22	Zinc oxide nanoparticles: potential effects on soil properties, crop production, food processing, and food quality. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 36942-36966	5.1	5
21	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> , <b>2021</b> , 44, 2399-2420	2.3	2
20	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> , <b>2021</b> , 297, 126664	10.3	6
19	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> , <b>2021</b> , 172, 2153-2169	4.6	24
18	Thermo-/pH-responsive preservative delivery based on TEMPO cellulose nanofiber/cationic copolymer hydrogel film in fruit packaging. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 183, 1911-1924	7.9	4
17	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> , <b>2021</b> , 101, 2027-2041	4.3	21
16	Preparation and characterization of UV-curable waterborne polyurethane using isobornyl acrylate modified via copolymerization. <i>Polymer Degradation and Stability</i> , <b>2021</b> , 184, 109474	4.7	2
15	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> , <b>2021</b> , 11, 194	3	23
14	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> , <b>2021</b> , 187, 262-271	7.9	6
13	Flame-retarded polyurethane foam conferred by a bio-based nitrogen-phosphorus-containing flame retardant. <i>Reactive and Functional Polymers</i> , <b>2021</b> , 168, 105057	4.6	6
12	A TEMPO-oxidized cellulose nanofibers/MOFs hydrogel with temperature and pH responsiveness for fertilizers slow-release. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 191, 483-491	7.9	10
11	A pinene-based silane crosslinker for improved mechanical strength/transparency of room-temperature vulcanizing silicone rubber. <i>Materials Chemistry and Physics</i> , <b>2020</b> , 247, 122868	4.4	10

10	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> , <b>2020</b> , 10, 319	3.6	49
9	Preparation and properties of room temperature vulcanized silicone rubber using triethoxy(2-(4-methylcyclohex-3-en-1-yl)propyl)silane as a novel cross-linking agent. <i>Polymer Degradation and Stability</i> , <b>2020</b> , 173, 109068	4.7	6
8	Factors influencing the morphology and adsorption performance of cellulose nanocrystal/iron oxide nanorod composites for the removal of arsenic during water treatment. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 156, 1418-1424	7.9	10
7	Effect of Irrigation Regimes and Soil Texture on the Potassium Utilization Efficiency of Rice. <i>Agronomy</i> , <b>2019</b> , 9, 100	3.6	19
6	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> , <b>2019</b> , 176, 195-210	7.9	20
5	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> , <b>2019</b> , 223, 105706	5.9	19
4	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> , <b>2019</b> , 20,	6.3	43
3	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> , <b>2019</b> , 213, 934-946	5.9	28
2	Current progress in production of biopolymeric materials based on cellulose, cellulose nanofibers, and cellulose derivatives.. <i>RSC Advances</i> , <b>2018</b> , 8, 825-842	3.7	157
1	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> , <b>2018</b> , 21, 298-316	1.7	3