

Hiba Shaghaleh

List of Publications by Citations

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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	Current progress in production of biopolymeric materials based on cellulose, cellulose nanofibers, and cellulose derivatives.. <i>RSC Advances</i> , 2018 , 8, 825-842	3.7	157
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	3.6	49
25	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,	6.3	43
24	Physiological and biochemical responses of soybean plants inoculated with Arbuscular mycorrhizal fungi and Bradyrhizobium under drought stress. <i>BMC Plant Biology</i> , 2021 , 21, 195	5.3	39
23	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	5.9	28
22	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	4.6	24
21	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	23
20	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	4.3	21
19	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	7.9	20
18	Effect of Irrigation Regimes and Soil Texture on the Potassium Utilization Efficiency of Rice. <i>Agronomy</i> , 2019 , 9, 100	3.6	19
17	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	5.9	19
16	A pinene-based silane crosslinker for improved mechanical strength/transparency of room-temperature vulcanizing silicone rubber. <i>Materials Chemistry and Physics</i> , 2020 , 247, 122868	4.4	10
15	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> , 2020 , 156, 1418-1424	7.9	10
14	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	7.9	10
13	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> , 2020 , 173, 109068	4.7	6
12	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	10.3	6
11	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	7.9	6

10	Flame-retarded polyurethane foam conferred by a bio-based nitrogen-phosphorus-containing flame retardant. <i>Reactive and Functional Polymers</i> , 2021 , 168, 105057	4.6	6
9	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	5.1	5
8	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	7.9	4
7	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	1.7	3
6	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	10.3	2
5	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	2.3	2
4	Preparation and characterization of UV-curable waterborne polyurethane using isobornyl acrylate modified via copolymerization. <i>Polymer Degradation and Stability</i> , 2021 , 184, 109474	4.7	2
3	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	3.6	2
2	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	1.5	1
1	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	0