

Izhar Ali

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.

40
papers

366
citations

9
h-index

17
g-index

49
ext. papers

656
ext. citations

3.3
avg, IF

3.89
L-index

#	Paper	IF	Citations
40	Irrigation and Nitrogen Fertilization Alter Soil Bacterial Communities, Soil Enzyme Activities, and Nutrient Availability in Maize Crop.. <i>Frontiers in Microbiology</i> , 2022 , 13, 833758	5.7	5
39	Effects of Biochar Amendment and Nitrogen Fertilizer on RVA Profile and Rice Grain Quality Attributes.. <i>Foods</i> , 2022 , 11,	4.9	3
38	Effect of Integrated Organic/Inorganic Amendments on Leaf Physiological and Grain Starch Viscosity (Rapid Visco-Analyzer Profile) Characteristics of Rice and Ultisols Soil Quality. <i>Agronomy</i> , 2022 , 12, 863	3.6	
37	Biochar Amendment and Nitrogen Fertilizer Contribute to the Changes in Soil Properties and Microbial Communities in a Paddy Field.. <i>Frontiers in Microbiology</i> , 2022 , 13, 834751	5.7	3
36	Integrated Use of Biofertilizers with Organic and Inorganic Phosphorus Sources Improve Dry Matter Partitioning and Yield of Hybrid Maize. <i>Communications in Soil Science and Plant Analysis</i> , 2021 , 52, 2732-2747	1.5	5
35	Identification of differentially expressed genes and pathways in isonuclear kenaf genotypes under salt stress. <i>Physiologia Plantarum</i> , 2021 , 173, 1295-1308	4.6	2
34	Synthetic nitrogen coupled with seaweed extract and microbial inoculants improves rice (<i>Oryza sativa</i> L.) production under a dual cropping system. <i>Italian Journal of Agronomy</i> , 2021 , 16,	1.4	5
33	Co-incorporation of manure and inorganic fertilizer improves leaf physiological traits, rice production and soil functionality in a paddy field. <i>Scientific Reports</i> , 2021 , 11, 10048	4.9	6
32	Relationship of soil physico chemical properties with elevation and geographical directions. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 788, 012172	0.3	1
31	Agricultural soil reclamation and restoration of soil organic matter and nutrients via application of organic, inorganic and bio fertilization (Mini review). <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 788, 012165	0.3	3
30	Biochar application to rice with N-labelled fertilizers, enhanced leaf nitrogen concentration and assimilation by improving morpho-physiological traits and soil quality. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 3399-3413	4	8
29	Impact of fertilization with reducing in nitrogen and phosphorous application on growth, yield and biomass accumulation of rice (L.) under a dual cropping system. <i>PeerJ</i> , 2021 , 9, e11668	3.1	4
28	Impact of the mixture verses solo residue management and climatic conditions on soil microbial biomass carbon to nitrogen ratio: a systematic review. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 64241-64252	5.1	6
27	Seed priming with titanium dioxide nanoparticles enhances seed vigor, leaf water status, and antioxidant enzyme activities in maize (<i>Zea mays</i> L.) under salinity stress. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101207	3.6	60
26	Partial substitution of organic nitrogen with synthetic nitrogen enhances rice yield, grain starch metabolism and related genes expression under the dual cropping system. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 1283-1296	4	9
25	Smash ridge tillage strongly influence soil functionality, physiology and rice yield. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 1297-1307	4	3
24	An approach to sustainable agriculture by untangling the fate of contrasting nitrogen sources in double-season rice grown with and without biochar. <i>GCB Bioenergy</i> , 2021 , 13, 382-392	5.6	11

23	The Enhancement of Soil Fertility, Dry Matter Transport and Accumulation, Nitrogen Uptake and Yield in Rice via Green Manuring. <i>Phyton</i> , 2021 , 90, 223-243	2.1	2
22	Ameliorative effect of melatonin improves drought tolerance by regulating growth, photosynthetic traits and leaf ultrastructure of maize seedlings. <i>BMC Plant Biology</i> , 2021 , 21, 368	5.3	15
21	Combined application of biochar and nitrogen fertilizer promotes the activity of starch metabolism enzymes and the expression of related genes in rice in a dual cropping system.. <i>BMC Plant Biology</i> , 2021 , 21, 600	5.3	3
20	Biochar addition coupled with nitrogen fertilization impacts on soil quality, crop productivity, and nitrogen uptake under double-cropping system. <i>Food and Energy Security</i> , 2020 , 9, e208	4.1	28
19	Characterization and Grouping of All Primary Branches at Various Positions on a Rice Panicle Based on Grain Growth Dynamics. <i>Agronomy</i> , 2020 , 10, 223	3.6	6
18	Combined application of biochar and nitrogen fertilizer improves rice yield, microbial activity and N-metabolism in a pot experiment. <i>PeerJ</i> , 2020 , 8, e10311	3.1	23
17	Amylose content and RVA profile characteristics of noodle rice under different conditions. <i>Agronomy Journal</i> , 2020 , 112, 117-129	2.2	7
16	Manure combined with chemical fertilizer increases rice productivity by improving soil health, post-anthesis biomass yield, and nitrogen metabolism. <i>PLoS ONE</i> , 2020 , 15, e0238934	3.7	26
15	Biochar coupled with contrasting nitrogen sources mediated changes in carbon and nitrogen pools, microbial and enzymatic activity in paddy soil. <i>Journal of Saudi Chemical Society</i> , 2020 , 24, 835-849	4.3	16
14	Phosphorus and Zinc Fertilization Improve Zinc Biofortification in Grains and Straw of Coarse vs. Fine Rice Genotypes. <i>Agronomy</i> , 2020 , 10, 1155	3.6	9
13	Long-Term No-Tillage and Straw Retention Management Enhances Soil Bacterial Community Diversity and Soil Properties in Southern China. <i>Agronomy</i> , 2020 , 10, 1233	3.6	11
12	The Role of Agriculture in the Dissemination of Class 1 Integrons, Antimicrobial Resistance, and Diversity of Their Gene Cassettes in Southern China. <i>Genes</i> , 2020 , 11,	4.2	2
11	Humic Acid and Nitrogen Levels Optimizing Productivity of Green Gram (<i>Vigna radiate</i> L.). <i>Russian Agricultural Sciences</i> , 2019 , 45, 43-47	0.3	9
10	Optimizing rates and application time of potassium fertilizer for improving growth, grain nutrients content and yield of wheat crop. <i>Open Agriculture</i> , 2019 , 4, 500-508	1.4	3
9	Organic Manure Coupled with Inorganic Fertilizer: An Approach for the Sustainable Production of Rice by Improving Soil Properties and Nitrogen Use Efficiency. <i>Agronomy</i> , 2019 , 9, 651	3.6	41
8	Effects of Meteorological Factors on the Yield and Quality of Special Rice in Different Periods after Anthesis. <i>Agricultural Sciences</i> , 2019 , 10, 451-475	0.4	2
7	Impact of phosphorus and potassium levels on yield and yield components of maize. <i>Pure and Applied Biology</i> , 2017 , 6,	1.4	3
6	Biochar combined with nitrogen fertilizer: a practical approach for increasing the biomass digestibility and yield of rice and promoting food and energy security. <i>Biofuels, Bioproducts and Biorefining</i> ,	5.3	1

5	Manure Applications Combined with Chemical Fertilizer Improves Soil Functionality, Microbial Biomass and Rice Production in a Paddy Field. <i>Agronomy Journal</i> ,	2.2	2
4	Phenology, growth, productivity, and profitability of mungbean as affected by potassium and organic matter under water stress vs. no water stress conditions. <i>Journal of Plant Nutrition</i> ,1-22	2.3	8
3	Biochar in Combination with Nitrogen Fertilizer is a Technique: To Enhance Physiological and Morphological Traits of Rice (<i>Oryza sativa</i> L.) by Improving Soil Physio-biochemical Properties. <i>Journal of Plant Growth Regulation</i> ,1	4.7	7
2	Integrated Foliar Nutrients Application Improve Wheat (<i>Triticum Aestivum</i> L.) Productivity under Calcareous Soils in Drylands. <i>Communications in Soil Science and Plant Analysis</i> ,1-19	1.5	4
1	Long-term straw mulching in a no-till field improves soil functionality and rice yield by increasing soil enzymatic activity and chemical properties in paddy soils. <i>Journal of Plant Nutrition and Soil Science</i> ,	2.3	2