

# Izhar Ali

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6779773/izhar-ali-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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> , <b>2021</b> , 33, 101207	3.6	60
39	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> , <b>2019</b> , 9, 651	3.6	41
38	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> , <b>2020</b> , 9, e208	4.1	28
37	Manure combined with chemical fertilizer increases rice productivity by improving soil health, post-anthesis biomass yield, and nitrogen metabolism. <i>PLoS ONE</i> , <b>2020</b> , 15, e0238934	3.7	26
36	Combined application of biochar and nitrogen fertilizer improves rice yield, microbial activity and N-metabolism in a pot experiment. <i>PeerJ</i> , <b>2020</b> , 8, e10311	3.1	23
35	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> , <b>2020</b> , 24, 835-849	4.3	16
34	Ameliorative effect of melatonin improves drought tolerance by regulating growth, photosynthetic traits and leaf ultrastructure of maize seedlings. <i>BMC Plant Biology</i> , <b>2021</b> , 21, 368	5.3	15
33	Long-Term No-Tillage and Straw Retention Management Enhances Soil Bacterial Community Diversity and Soil Properties in Southern China. <i>Agronomy</i> , <b>2020</b> , 10, 1233	3.6	11
32	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> , <b>2021</b> , 13, 382-392	5.6	11
31	Humic Acid and Nitrogen Levels Optimizing Productivity of Green Gram ( <i>Vigna radiata</i> L.). <i>Russian Agricultural Sciences</i> , <b>2019</b> , 45, 43-47	0.3	9
30	Phosphorus and Zinc Fertilization Improve Zinc Biofortification in Grains and Straw of Coarse vs. Fine Rice Genotypes. <i>Agronomy</i> , <b>2020</b> , 10, 1155	3.6	9
29	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> , <b>2021</b> , 28, 1283-1296	4	9
28	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> , <b>2021</b> , 28, 3399-3413	4	8
27	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
26	Amylose content and RVA profile characteristics of noodle rice under different conditions. <i>Agronomy Journal</i> , <b>2020</b> , 112, 117-129	2.2	7
25	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
24	Characterization and Grouping of All Primary Branches at Various Positions on a Rice Panicle Based on Grain Growth Dynamics. <i>Agronomy</i> , <b>2020</b> , 10, 223	3.6	6

23	Co-incorporation of manure and inorganic fertilizer improves leaf physiological traits, rice production and soil functionality in a paddy field. <i>Scientific Reports</i> , <b>2021</b> , 11, 10048	4.9	6
22	Impact of the mixture versus solo residue management and climatic conditions on soil microbial biomass carbon to nitrogen ratio: a systematic review. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 64241-64252	5.1	6
21	Irrigation and Nitrogen Fertilization Alter Soil Bacterial Communities, Soil Enzyme Activities, and Nutrient Availability in Maize Crop.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 833758	5.7	5
20	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> , <b>2021</b> , 52, 2732-2747	1.5	5
19	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> , <b>2021</b> , 16,	1.4	5
18	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> , <b>2021</b> , 9, e11668	3.1	4
17	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
16	Optimizing rates and application time of potassium fertilizer for improving growth, grain nutrients content and yield of wheat crop. <i>Open Agriculture</i> , <b>2019</b> , 4, 500-508	1.4	3
15	Impact of phosphorus and potassium levels on yield and yield components of maize. <i>Pure and Applied Biology</i> , <b>2017</b> , 6,	1.4	3
14	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> , <b>2021</b> , 788, 012165	0.3	3
13	Smash ridge tillage strongly influence soil functionality, physiology and rice yield. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 1297-1307	4	3
12	Effects of Biochar Amendment and Nitrogen Fertilizer on RVA Profile and Rice Grain Quality Attributes.. <i>Foods</i> , <b>2022</b> , 11,	4.9	3
11	Biochar Amendment and Nitrogen Fertilizer Contribute to the Changes in Soil Properties and Microbial Communities in a Paddy Field.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 834751	5.7	3
10	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> , <b>2021</b> , 21, 600	5.3	3
9	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
8	Effects of Meteorological Factors on the Yield and Quality of Special Rice in Different Periods after Anthesis. <i>Agricultural Sciences</i> , <b>2019</b> , 10, 451-475	0.4	2
7	Identification of differentially expressed genes and pathways in isonuclear kenaf genotypes under salt stress. <i>Physiologia Plantarum</i> , <b>2021</b> , 173, 1295-1308	4.6	2
6	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> , <b>2020</b> , 11,	4.2	2

5	The Enhancement of Soil Fertility, Dry Matter Transport and Accumulation, Nitrogen Uptake and Yield in Rice via Green Manuring. <i>Phyton</i> , <b>2021</b> , 90, 223-243	2.1	2
4	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
3	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
2	Relationship of soil physico chemical properties with elevation and geographical directions. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 788, 012172	0.3	1
1	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> , <b>2022</b> , 12, 863	3.6	