

Hafeez ur Rehman

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.

57
papers

2,037
citations

23
h-index

44
g-index

61
ext. papers

2,546
ext. citations

3.3
avg, IF

5.09
L-index

#	Paper	IF	Citations
57	Rice Seed and Seedling Priming 2022 , 43-57		
56	Synergistic consequences of salinity and potassium deficiency in quinoa: Linking with stomatal patterning, ionic relations and oxidative metabolism. <i>Plant Physiology and Biochemistry</i> , 2021 , 159, 17-27	5.4	6
55	Sequenced application of glutathione as an antioxidant with an organic biostimulant improves physiological and metabolic adaptation to salinity in wheat. <i>Plant Physiology and Biochemistry</i> , 2021 , 158, 43-52	5.4	21
54	Evaluation of Physiological and Morphological Traits for Improving Spring Wheat Adaptation to Terminal Heat Stress. <i>Plants</i> , 2021 , 10,	4.5	9
53	Nanotechnology in agriculture: Current status, challenges and future opportunities. <i>Science of the Total Environment</i> , 2020 , 721, 137778	10.2	226
52	Improving heat stress tolerance in late planted spring maize by using different exogenous elicitors. <i>Chilean Journal of Agricultural Research</i> , 2020 , 80, 30-40	1.9	8
51	Physiological and biochemical changes during hermetic storage of Moringa oleifera seeds. <i>South African Journal of Botany</i> , 2020 , 129, 435-441	2.9	3
50	Moringa landraces of Pakistan are potential source of premium quality oil. <i>South African Journal of Botany</i> , 2020 , 129, 397-403	2.9	5
49	Moringa leaf and sorghum water extracts and salicylic acid to alleviate impacts of heat stress in wheat. <i>South African Journal of Botany</i> , 2020 , 129, 169-174	2.9	12
48	Salicylic Acid and Calcium Signaling Induce Physiological and Phytochemical Changes to Improve Salinity Tolerance in Red Amaranth (<i>Amaranthus tricolor</i> L.). <i>Journal of Soil Science and Plant Nutrition</i> , 2020 , 20, 1759-1769	3.2	10
47	Seed priming in field crops: potential benefits, adoption and challenges. <i>Crop and Pasture Science</i> , 2019 , 70, 731	2.2	70
46	Incorporation of rice straw mitigates CH ₄ and N ₂ O emissions in water saving paddy fields of Central Vietnam. <i>Archives of Agronomy and Soil Science</i> , 2019 , 65, 113-124	2	11
45	Soil drenching of paclobutrazol: An efficient way to improve quinoa performance under salinity. <i>Physiologia Plantarum</i> , 2019 , 165, 219-231	4.6	13
44	Direct Seeding in Rice: Problems and Prospects 2019 , 199-222		24
43	Magnesium and organic biostimulant integrative application induces physiological and biochemical changes in sunflower plants and its harvested progeny on sandy soil. <i>Plant Physiology and Biochemistry</i> , 2018 , 126, 97-105	5.4	47
42	Hydrogen peroxide application improves quinoa performance by affecting physiological and biochemical mechanisms under water-deficit conditions. <i>Journal of Agronomy and Crop Science</i> , 2018 , 204, 541-553	3.9	21
41	Irrigation and Zn fertilizer management improves Zn phyto-availability in various rice production systems. <i>Journal of Plant Nutrition and Soil Science</i> , 2018 , 181, 374-381	2.3	4

40	Perspectives of folate biofortification of cereal grains. <i>Journal of Plant Nutrition</i> , 2018 , 41, 2507-2524	2.3	6
39	Progress and Prospects for Micronutrient Biofortification in Rice/Wheat 2018 , 261-278		3
38	Comparison of conventional and conservation rice-wheat systems in Punjab, Pakistan. <i>Soil and Tillage Research</i> , 2017 , 169, 35-43	6.5	34
37	Paclobutrazol improves salt tolerance in quinoa: Beyond the stomatal and biochemical interventions. <i>Journal of Agronomy and Crop Science</i> , 2017 , 203, 315-322	3.9	23
36	Optimizing the phosphorus use in cotton by using CSM-CROPGRO-cotton model for semi-arid climate of Vehari-Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 5811-5823	5.1	54
35	Growth promoting potential of fresh and stored Moringa oleifera leaf extracts in improving seedling vigor, growth and productivity of wheat crop. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 27601-27612	5.1	26
34	Potash use in aerobic production system for basmati rice may expand its adaptability as an alternative to flooded rice production system. <i>Journal of Soil Science and Plant Nutrition</i> , 2017 , 0-0	3.2	1
33	Effects of Lead Salts on Growth, Chlorophyll Contents and Tissue Concentration of Rice Genotypes. <i>International Journal of Agriculture and Biology</i> , 2017 , 19, 69-76	1.5	6
32	Exploring the Potential of Quinoa Accessions for Salt Tolerance in Soilless Culture. <i>International Journal of Agriculture and Biology</i> , 2017 , 19, 233-240	1.5	7
31	Potash Use for Sustainable Crop Production in Pakistan: A Review. <i>International Journal of Agriculture and Biology</i> , 2017 , 19, 381-390	1.5	11
30	Moringa Leaf Extract Improves Wheat Growth and Productivity by Affecting Senescence and Source-sink Relationship. <i>International Journal of Agriculture and Biology</i> , 2017 , 19, 479-484	1.5	10
29	Efficiency of Zinc and Phosphorus Applied to Open-pollinated and Hybrid Cultivars of Maize. <i>International Journal of Agriculture and Biology</i> , 2016 , 18, 1249-1255	1.5	4
28	Recent Advances in Seed Enhancements 2016 ,		8
27	Supplementing organic biostimulants into growing media enhances growth and nutrient uptake of tomato transplants. <i>Scientia Horticulturae</i> , 2016 , 203, 192-198	4.1	17
26	Influence of phosphorus application on growth, yield and oil quality of linola. <i>Journal of Plant Nutrition</i> , 2016 , 39, 856-865	2.3	3
25	Boron fertilization improves seed yield and harvest index of Camelina sativa L. by affecting source-sink. <i>Journal of Plant Nutrition</i> , 2016 , 39, 1681-1687	2.3	5
24	Seed Priming with Selenium: Consequences for Emergence, Seedling Growth, and Biochemical Attributes of Rice. <i>Biological Trace Element Research</i> , 2015 , 166, 236-44	4.5	69
23	Seed priming improves early seedling vigor, growth and productivity of spring maize. <i>Journal of Integrative Agriculture</i> , 2015 , 14, 1745-1754	3.2	41

22	Conservation Agriculture in South Asia 2015 , 249-283		7
21	Influence of Seed Priming on Performance and Water Productivity of Direct Seeded Rice in Alternating Wetting and Drying. <i>Rice Science</i> , 2015 , 22, 189-196	3.8	16
20	Biomass Production and Nutritional Composition of Moringa oleifera under Different Cutting Frequencies and Planting Spacings. <i>International Journal of Agriculture and Biology</i> , 2015 , 17, 1055-1060	1.5	8
19	Seed Priming Improves the Performance of Late Sown Spring Maize (Zea mays) Through Better Crop Stand and Physiological Attributes. <i>International Journal of Agriculture and Biology</i> , 2015 , 17, 491-498	1.5	15
18	Morphological and physiological response of tomato (Solanum lycopersicum L.) to natural and synthetic cytokinin sources: a comparative study. <i>Acta Physiologiae Plantarum</i> , 2014 , 36, 3147-3155	2.6	28
17	Allelopathic activity and chemical constituents of walnut (Juglans regia) leaf litter in walnut-winter vegetable agroforestry system. <i>Natural Product Research</i> , 2014 , 28, 2017-20	2.3	11
16	Time Course Changes in pH, Electrical Conductivity and Heavy Metals (Pb, Cr) of Wastewater Using Moringa oleifera Lam. Seed and Alum, a Comparative Evaluation. <i>Journal of Applied Research and Technology</i> , 2014 , 12, 560-567	1.7	14
15	Seed Priming Influence on Early Crop Growth, Phenological Development and Yield Performance of Linola (Linum usitatissimum L.). <i>Journal of Integrative Agriculture</i> , 2014 , 13, 990-996	3.2	35
14	Sulphur application improves the growth, seed yield and oil quality of canola. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 2999-3006	2.6	26
13	Exogenous application of moringa leaf extract modulates the antioxidant enzyme system to improve wheat performance under saline conditions. <i>Plant Growth Regulation</i> , 2013 , 69, 225-233	3.2	106
12	Zinc nutrition in rice production systems: a review. <i>Plant and Soil</i> , 2012 , 361, 203-226	4.2	118
11	Priming with moringa leaf extract reduces imbibitional chilling injury in spring maize. <i>Seed Science and Technology</i> , 2012 , 40, 271-276	0.6	41
10	Evaluating surface drying and re-drying for wheat seed priming with polyamines: effects on emergence, early seedling growth and starch metabolism. <i>Acta Physiologiae Plantarum</i> , 2011 , 33, 1707-1713	2.6	26
9	Rice direct seeding: Experiences, challenges and opportunities. <i>Soil and Tillage Research</i> , 2011 , 111, 87-98	1.5	291
8	Exogenously Applied Nitric Oxide Enhances the Drought Tolerance in Fine Grain Aromatic Rice (Oryza sativa L.). <i>Journal of Agronomy and Crop Science</i> , 2009 , 195, 254-261	3.9	94
7	Seed Priming Enhances the Performance of Late Sown Wheat (Triticum aestivum L.) by Improving Chilling Tolerance. <i>Journal of Agronomy and Crop Science</i> , 2008 , 194, 55-60	3.9	107
6	Glycinebetaine Improves Chilling Tolerance in Hybrid Maize. <i>Journal of Agronomy and Crop Science</i> , 2008 , 194, 152-160	3.9	85
5	Chilling Tolerance in Hybrid Maize Induced by Seed Priming with Salicylic Acid. <i>Journal of Agronomy and Crop Science</i> , 2008 , 194, 161-168	3.9	140

4	Seed Priming with Polyamines Improves the Germination and Early Seedling Growth in Fine Rice. <i>Journal of New Seeds</i> , 2008 , 9, 145-155		25
3	Exogenous glycinebetaine application improves yield under water-limited conditions in hybrid sunflower. <i>Archives of Agronomy and Soil Science</i> , 2008 , 54, 557-567	2	10
2	Exploring the potential of Moringa oleifera leaf extract (MLE) as a seed priming agent in improving wheat performance		8
1	Field appraisal of seed priming to improve the growth, yield, and quality of direct seeded rice		6