

# Muhammad Farooq

## 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.

321  
papers

14,552  
citations

63  
h-index

111  
g-index

329  
ext. papers

18,496  
ext. citations

3.8  
avg, IF

7.13  
L-index

#	Paper	IF	Citations
321	Increasing sustainability for rice production systems. <i>Journal of Cereal Science</i> , <b>2022</b> , 103, 103400	3.8	5
320	Biochar application for the remediation of trace metals in contaminated soils: Implications for stress tolerance and crop production.. <i>Ecotoxicology and Environmental Safety</i> , <b>2022</b> , 230, 113165	7	4
319	Removing Hexavalent Chromium by Nano Zero-Valent Iron Loaded on Attapulgate. <i>Water, Air, and Soil Pollution</i> , <b>2022</b> , 233, 1	2.6	2
318	Performance of Wheat Cultivars Under Different Tillage and Crop Establishment Methods. <i>International Journal of Plant Production</i> , <b>2022</b> , 16, 287	2.4	1
317	Selenium treated foliage and biochar treated soil for improved lettuce ( <i>Lactuca sativa</i> L.) growth in Cd-polluted soil. <i>Journal of Cleaner Production</i> , <b>2022</b> , 335, 130267	10.3	2
316	Water-Wise Cultivation of Basmati Rice in Pakistan <b>2022</b> , 187-229		
315	Seed priming with zinc sulfate and zinc chloride affects physio-biochemical traits, grain yield and biofortification of bread wheat ( <i>Triticum aestivum</i> ). <i>Crop and Pasture Science</i> , <b>2022</b> ,	2.2	1
314	Rice Seed and Seedling Priming <b>2022</b> , 43-57		
313	Biochar amendment enhanced soil nitrogen fractions and wheat yield after four to five years of aging in Loess Plateau, China. <i>Arabian Journal of Geosciences</i> , <b>2022</b> , 15, 1	1.8	1
312	Barley-Based Cropping Systems and Weed Control Strategies Influence Weed Infestation, Soil Properties and Barley Productivity. <i>Agriculture (Switzerland)</i> , <b>2022</b> , 12, 487	3	2
311	Regulation of photosynthesis under salt stress and associated tolerance mechanisms.. <i>Plant Physiology and Biochemistry</i> , <b>2022</b> , 178, 55-69	5.4	4
310	Rice production systems and grain quality. <i>Journal of Cereal Science</i> , <b>2022</b> , 105, 103463	3.8	2
309	Foliar nutrition: potential and challenges under multifaceted agriculture. <i>Environmental and Experimental Botany</i> , <b>2022</b> , 104909	5.9	4
308	Proline accumulation, ion homeostasis and antioxidant defence system alleviate salt stress and protect carbon assimilation in bread wheat genotypes of Omani origin. <i>Environmental and Experimental Botany</i> , <b>2021</b> , 104687	5.9	4
307	The Impact of Different Crop Rotations by Weed Management Strategies Interactions on Weed Infestation and Productivity of Wheat ( <i>Triticum aestivum</i> L.). <i>Agronomy</i> , <b>2021</b> , 11, 2088	3.6	3
306	Prevalence and management of aphids (Hemiptera: Aphididae) in different wheat genotypes and their impact on yield and related traits. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257952	3.7	0
305	Cadmium toxicity in plants: Impacts and remediation strategies. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 211, 111887	7	156

304	Salt Tolerance in Alfalfa Landraces of Omani Origin: Morpho-Biochemical, Mineral, and Genetic Diversity Assessment. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2021</b> , 21, 1484-1499	3.2	2
303	Dynamics of Root Systems in Crop and Pasture Genotypes over the Last 100 Years <b>2021</b> , 91-120		
302	Morphological, physiological and biochemical aspects of zinc seed priming-induced drought tolerance in faba bean. <i>Scientia Horticulturae</i> , <b>2021</b> , 281, 109894	4.1	9
301	Role of Seed Priming in Root Development and Crop Production <b>2021</b> , 221-243		
300	Co-application of biochar and microorganisms improves soybean performance and remediate cadmium-contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 214, 112112	7	10
299	Zinc biofortification potential of diverse mungbean [ <i>Vigna radiata</i> (L.) Wilczek] genotypes under field conditions. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253085	3.7	6
298	Wheat Genotypes with Higher Intercellular CO <sub>2</sub> Concentration, Rate of Photosynthesis, and Antioxidant Potential Can Better Tolerate Drought Stress. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2021</b> , 21, 2378-2391	3.2	3
297	Influence of seed size on the growth, productivity, and water use efficiency of bread wheat planted by different methods. <i>Archives of Agronomy and Soil Science</i> , <b>2021</b> , 67, 354-370	2	
296	Cadmium stress in paddy fields: Effects of soil conditions and remediation strategies. <i>Science of the Total Environment</i> , <b>2021</b> , 754, 142188	10.2	45
295	Sustainable Soil Management for Food Security in South Asia. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2021</b> , 21, 258-275	3.2	4
294	Strategies for reducing cadmium accumulation in rice grains. <i>Journal of Cleaner Production</i> , <b>2021</b> , 286, 125557	10.3	18
293	Impact of Different Barley-Based Cropping Systems on Soil Physicochemical Properties and Barley Growth under Conventional and Conservation Tillage Systems. <i>Agronomy</i> , <b>2021</b> , 11, 8	3.6	10
292	Influence of Nitrogen Fertilization Pattern on Productivity, Nitrogen Use Efficiencies, and Profitability in Different Rice Production Systems. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2021</b> , 21, 145-161	3.2	4
291	Hypoxia and Anoxia Stress: Plant responses and tolerance mechanisms. <i>Journal of Agronomy and Crop Science</i> , <b>2021</b> , 207, 249-284	3.9	8
290	Recent Advances in the Agronomy of Food Legumes <b>2021</b> , 255-302		1
289	Influence of soil residual boron on rice performance and soil properties under conventional and conservation rice-wheat cropping systems. <i>Crop and Pasture Science</i> , <b>2021</b> , 72, 335	2.2	1
288	Weed flora composition of different barley-based cropping systems under conventional and conservation tillage practices. <i>Phytoparasitica</i> , <b>2021</b> , 49, 751-769	1.5	8
287	Agricultural Innovation and Sustainable Development: A Case Study of Rice-Wheat Cropping Systems in South Asia. <i>Sustainability</i> , <b>2021</b> , 13, 1965	3.6	3

286	Thermal Stresses in Maize: Effects and Management Strategies. <i>Plants</i> , <b>2021</b> , 10,	4.5	19
285	Exposure to SARS-CoV-2 in Aerosolized Wastewater: Toilet Flushing, Wastewater Treatment, and Sprinkler Irrigation. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 436	3	9
284	Cold Stress in Wheat: Plant Acclimation Responses and Management Strategies. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 676884	6.2	30
283	Grain development in wheat under combined heat and drought stress: Plant responses and management. <i>Environmental and Experimental Botany</i> , <b>2021</b> , 188, 104517	5.9	12
282	Rapid delivery systems for future food security. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 1179-1181	44.5	4
281	Thiourea application improves heat tolerance in camelina ( <i>Camelina sativa</i> L. Crantz) by modulating gas exchange, antioxidant defense and osmoprotection. <i>Industrial Crops and Products</i> , <b>2021</b> , 170, 113826	5.9	6
280	The impact of different crop sequences on weed infestation and productivity of barley ( <i>Hordeum vulgare</i> L.) under different tillage systems. <i>Crop Protection</i> , <b>2021</b> , 149, 105759	2.7	6
279	Role of melatonin seed priming on antioxidant enzymes and biochemical responses of <i>Carthamus tinctorius</i> L. under drought stress conditions. <i>Plant Stress</i> , <b>2021</b> , 2, 100023		7
278	Influence of water management techniques on milling recovery, grain quality and mercury uptake in different rice production systems. <i>Agricultural Water Management</i> , <b>2021</b> , 243, 106500	5.9	5
277	Potential Role of Plant Growth Regulators in Administering Crucial Processes Against Abiotic Stresses. <i>Frontiers in Agronomy</i> , <b>2021</b> , 3,	4	12
276	Parthenium weed ( <i>Parthenium hysterophorus</i> ) competition with grain sorghum under arid conditions. <i>Experimental Agriculture</i> , <b>2020</b> , 56, 387-396	1.7	3
275	Crop diversification and saline water irrigation as potential strategies to save freshwater resources and reclamation of marginal soils-a review. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 28695-28729	5.1	20
274	Integrated use of seed priming and biochar improves salt tolerance in cowpea. <i>Scientia Horticulturae</i> , <b>2020</b> , 272, 109507	4.1	19
273	Influence of Different Organic Manures and Their Combinations on Productivity and Quality of Bread Wheat. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2020</b> , 20, 1949-1960	3.2	6
272	Effects, tolerance mechanisms and management of salt stress in lucerne ( <i>Medicago sativa</i> ). <i>Crop and Pasture Science</i> , <b>2020</b> , 71, 411	2.2	13
271	Zinc Nutrition for Improving the Productivity and Grain Biofortification of Mungbean. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2020</b> , 20, 1321-1335	3.2	18
270	Nanotechnology in agriculture: Current status, challenges and future opportunities. <i>Science of the Total Environment</i> , <b>2020</b> , 721, 137778	10.2	226
269	Sowing Date and Hybrid Choice Matters Production of MaizeMaize System. <i>International Journal of Plant Production</i> , <b>2020</b> , 14, 583-595	2.4	4

268	Zinc Application in Combination with Zinc Solubilizing Enterobacter sp. MN17 Improved Productivity, Profitability, Zinc Efficiency, and Quality of Desi Chickpea. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2020</b> , 20, 2133-2144	3.2	16
267	Impact of climate change on biology and management of wheat pests. <i>Crop Protection</i> , <b>2020</b> , 137, 1053047	4.7	15
266	Pulses Production in Pakistan: Status, Constraints and Opportunities. <i>International Journal of Plant Production</i> , <b>2020</b> , 14, 549-569	2.4	8
265	Brassinosteroid seed priming with nitrogen supplementation improves salt tolerance in soybean. <i>Physiology and Molecular Biology of Plants</i> , <b>2020</b> , 26, 501-511	2.8	40
264	Optimizing zinc seed priming for improving the growth, yield and grain biofortification of mungbean ( <i>Vigna radiata</i> (L.) wilczek). <i>Journal of Plant Nutrition</i> , <b>2020</b> , 43, 1438-1446	2.3	15
263	Ecological Management of Agricultural Pests Through Allelopathy. <i>Reference Series in Phytochemistry</i> , <b>2020</b> , 543-574	0.7	1
262	Chemical fractionation and risk assessment of trace elements in sewage sludge generated from various states of Pakistan. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 39742-39752	5.1	13
261	Residual zinc improves soil health, productivity and grain quality of rice in conventional and conservation tillage wheat-based systems. <i>Crop and Pasture Science</i> , <b>2020</b> , 71, 322	2.2	5
260	Characterization of chickpea genotypes of Pakistani origin for genetic diversity and zinc grain biofortification. <i>Journal of the Science of Food and Agriculture</i> , <b>2020</b> , 100, 4139-4149	4.3	2
259	Using sorghum to suppress weeds in autumn planted maize. <i>Crop Protection</i> , <b>2020</b> , 133, 105162	2.7	8
258	Agricultural Practices and Sustainable Management in South Asia. <i>Encyclopedia of the UN Sustainable Development Goals</i> , <b>2020</b> , 1-13	0.1	
257	Improving seed germination and seedling growth of guava under heat and osmotic stresses by chemical and hormonal seed treatments. <i>Bragantia</i> , <b>2020</b> , 79, 512-524	1.2	2
256	Morphological, Physiobiochemical and Molecular Adaptability of Legumes of Fabaceae to Drought Stress, with Special Reference to <i>Medicago Sativa</i> L. <b>2020</b> , 289-317		3
255	Terrestrial ecosystem functioning affected by agricultural management systems: A review. <i>Soil and Tillage Research</i> , <b>2020</b> , 196, 104464	6.5	33
254	Long-term winter wheat cropping influenced soil organic carbon pools in different aggregate fractions of Chernozem soil. <i>Archives of Agronomy and Soil Science</i> , <b>2020</b> , 66, 2055-2066	2	4
253	Morphological, physiological and biochemical aspects of osmopriming-induced drought tolerance in lentil. <i>Journal of Agronomy and Crop Science</i> , <b>2020</b> , 206, 176-186	3.9	14
252	Influence of biochar and organic soil amendments on bioavailability and immobilization of copper and lead to common cocklebur in acidic sandy loam soil. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104480	6.8	4
251	Application of zinc and biochar help to mitigate cadmium stress in bread wheat raised from seeds with high intrinsic zinc. <i>Chemosphere</i> , <b>2020</b> , 260, 127652	8.4	24

250	Environmental side effects of the injudicious use of antimicrobials in the era of COVID-19. <i>Science of the Total Environment</i> , <b>2020</b> , 745, 141053	10.2	47
249	The Influence of Different Fertilization Strategies on the Grain Yield of Field Peas ( <i>Pisum sativum</i> L.) under Conventional and Conservation Tillage. <i>Agronomy</i> , <b>2020</b> , 10, 1728	3.6	2
248	Evaluation of indigenous Omani alfalfa landraces for morphology and forage yield under different levels of salt stress. <i>Physiology and Molecular Biology of Plants</i> , <b>2020</b> , 26, 1763-1772	2.8	4
247	Zinc seed treatments improve productivity, quality and grain biofortification of desi and kabuli chickpea ( <i>Cicer arietinum</i> ). <i>Crop and Pasture Science</i> , <b>2020</b> , 71, 668	2.2	10
246	Alternate wetting and drying: A water-saving and ecofriendly rice production system. <i>Agricultural Water Management</i> , <b>2020</b> , 241, 106363	5.9	32
245	Zinc nutrition in chickpea ( <i>Cicer arietinum</i> ): a review. <i>Crop and Pasture Science</i> , <b>2020</b> , 71, 199	2.2	19
244	Integration of Seed Priming and Biochar Application Improves Drought Tolerance in Cowpea. <i>Journal of Plant Growth Regulation</i> , <b>2020</b> , 40, 1972	4.7	5
243	Influence of seed priming techniques on grain yield and economic returns of bread wheat planted at different spacings. <i>Crop and Pasture Science</i> , <b>2020</b> , 71, 725	2.2	9
242	Agronomic Biofortification of Zinc in Pakistan: Status, Benefits, and Constraints. <i>Frontiers in Sustainable Food Systems</i> , <b>2020</b> , 4,	4.8	13
241	Cadmium bioavailability in acidic soils under bean cultivation: role of soil additives. <i>International Journal of Environmental Science and Technology</i> , <b>2020</b> , 17, 153-160	3.3	8
240	Transplanting improves the allometry and fiber quality of Bt cotton in cotton-wheat cropping system. <i>Experimental Agriculture</i> , <b>2020</b> , 56, 26-36	1.7	3
239	Competition dynamics of <i>Parthenium hysterophorus</i> in direct-seeded aerobic rice fields. <i>Experimental Agriculture</i> , <b>2020</b> , 56, 196-203	1.7	6
238	Influence of Zn nutrition on the productivity, grain quality and grain biofortification of wheat under conventional and conservation rice-wheat cropping systems. <i>Archives of Agronomy and Soil Science</i> , <b>2020</b> , 66, 1042-1057	2	8
237	Allelopathic Crop Water Extracts Application Improves the Wheat Productivity Under Low and High Fertilizer Inputs in a Semi-Arid Environment. <i>International Journal of Plant Production</i> , <b>2020</b> , 14, 23-35	2.4	5
236	Morphological and biochemical changes in maize under drought and salinity stresses in a semi-arid environment. <i>Plant Biosystems</i> , <b>2020</b> , 154, 396-404	1.6	5
235	Improving the productivity, profitability and grain quality of kabuli chickpea with co-application of zinc and endophyte bacteria <i>Enterobacter</i> sp. MN17. <i>Archives of Agronomy and Soil Science</i> , <b>2020</b> , 66, 897-912	2	20
234	White Mustard (L.) Oil in Biodiesel Production: A Review. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 299	6.2	14
233	Adequate zinc nutrition improves the tolerance against drought and heat stresses in chickpea. <i>Plant Physiology and Biochemistry</i> , <b>2019</b> , 143, 11-18	5.4	21

232	Novel inflorescence architecture in gamma radiation-induced faba bean mutant populations. <i>International Journal of Radiation Biology</i> , <b>2019</b> , 95, 1744-1751	2.9	4
231	Seed priming in field crops: potential benefits, adoption and challenges. <i>Crop and Pasture Science</i> , <b>2019</b> , 70, 731	2.2	70
230	Lead toxicity in plants: Impacts and remediation. <i>Journal of Environmental Management</i> , <b>2019</b> , 250, 10955-7	5.7	90
229	Sustainable use and management of non-conventional water resources for rehabilitation of marginal lands in arid and semiarid environments. <i>Agricultural Water Management</i> , <b>2019</b> , 221, 462-476	5.9	63
228	Rice-wheat cropping systems in South Asia: issues, options and opportunities. <i>Crop and Pasture Science</i> , <b>2019</b> , 70, 395	2.2	44
227	Characterization and quantification of Embryanol in Korean rice landraces. <i>Journal of Cereal Science</i> , <b>2019</b> , 88, 150-156	3.8	6
226	Acquiring control: The evolution of ROS-Induced oxidative stress and redox signaling pathways in plant stress responses. <i>Plant Physiology and Biochemistry</i> , <b>2019</b> , 141, 353-369	5.4	129
225	Supra-optimal growth temperature exacerbates adverse effects of low Zn supply in wheat. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2019</b> , 182, 656-666	2.3	19
224	Boron improves productivity and profitability of bread wheat under zero and plough tillage on alkaline calcareous soil. <i>Field Crops Research</i> , <b>2019</b> , 239, 1-9	5.5	13
223	Physiological and agronomic approaches for improving water-use efficiency in crop plants. <i>Agricultural Water Management</i> , <b>2019</b> , 219, 95-108	5.9	34
222	High intrinsic seed Zn concentration improves abiotic stress tolerance in wheat. <i>Plant and Soil</i> , <b>2019</b> , 437, 195-213	4.2	27
221	Evaluation of physiological markers for assessing drought tolerance and yield potential in bread wheat. <i>Physiology and Molecular Biology of Plants</i> , <b>2019</b> , 25, 1163-1174	2.8	8
220	Effect of Deficit Irrigation and Dairy Manure on Winter Wheat Yield, Soil Physical Health, and Nitrate Leaching. <i>Communications in Soil Science and Plant Analysis</i> , <b>2019</b> , 50, 2003-2012	1.5	
219	Impact of invasive plant species on the livelihoods of farming households: evidence from Parthenium hysterophorus invasion in rural Punjab, Pakistan. <i>Biological Invasions</i> , <b>2019</b> , 21, 3285-3304	2.7	16
218	Application of Micronutrients in Rice-Wheat Cropping System of South Asia. <i>Rice Science</i> , <b>2019</b> , 26, 356-371	3.7	40
217	Morphology, Physiology and Ecology of Cotton <b>2019</b> , 23-46		3
216	Optimizing zinc seed coating treatments for improving growth, productivity and grain biofortification of mungbean. <i>Soil and Environment</i> , <b>2019</b> , 38, 97-102	2.5	3
215	Direct Seeding in Rice: Problems and Prospects <b>2019</b> , 199-222		24

214	Sustainable Nutrient Management <b>2019</b> , 167-211		2
213	Improving the Productivity and Profitability of Late Sown Chickpea by Seed Priming. <i>International Journal of Plant Production</i> , <b>2019</b> , 13, 129-139	2.4	7
212	Potential Mechanisms of Abiotic Stress Tolerance in Crop Plants Induced by Thiourea. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 1336	6.2	85
211	Influence of Heavy Metals on Seed Germination and Seedling Growth of Wheat, Pea, and Tomato. <i>Water, Air, and Soil Pollution</i> , <b>2019</b> , 230, 1	2.6	24
210	Biochemical and molecular characterization of cowpea landraces using seed storage proteins and SRAP marker patterns. <i>Saudi Journal of Biological Sciences</i> , <b>2019</b> , 26, 74-82	4	7
209	Grain phosphorus and phytate contents of wheat genotypes released during last 6 decades and categorization of selected genotypes for phosphorus use efficiency. <i>Archives of Agronomy and Soil Science</i> , <b>2019</b> , 65, 727-740	2	5
208	Seed Priming with Micronutrients for Improving the Quality and Yield of Hybrid Maize. <i>Gesunde Pflanzen</i> , <b>2019</b> , 71, 37-44	1.9	8
207	Integrated phytobial heavy metal remediation strategies for a sustainable clean environment - A review. <i>Chemosphere</i> , <b>2019</b> , 217, 925-941	8.4	75
206	Chemical control of parthenium weed ( <i>Parthenium hysterophorus</i> L.) in two contrasting cultivars of rice under direct-seeded conditions. <i>Crop Protection</i> , <b>2019</b> , 117, 26-36	2.7	8
205	Arbuscular mycorrhizal fungi and biochar improves drought tolerance in chickpea. <i>Saudi Journal of Biological Sciences</i> , <b>2019</b> , 26, 614-624	4	81
204	Influence of nitrogen application on dry biomass allocation and translocation in two maize varieties under short pre-anthesis and prolonged bracketing flowering periods of drought. <i>Archives of Agronomy and Soil Science</i> , <b>2019</b> , 65, 928-944	2	10
203	Ecological Management of Agricultural Pests Through Allelopathy. <i>Reference Series in Phytochemistry</i> , <b>2019</b> , 1-33	0.7	1
202	Biochar application to low fertility soils: A review of current status, and future prospects. <i>Geoderma</i> , <b>2019</b> , 337, 536-554	6.7	357
201	Effect of different densities of parthenium weed ( <i>Parthenium hysterophorus</i> L.) on the performance of direct-seeded rice under aerobic conditions. <i>Archives of Agronomy and Soil Science</i> , <b>2019</b> , 65, 796-808	2	6
200	Influence of different sewage sludges and composts on growth, yield, and trace elements accumulation in rice and wheat. <i>Land Degradation and Development</i> , <b>2018</b> , 29, 1343-1352	4.4	20
199	Desi chickpea genotypes tolerate drought stress better than kabuli types by modulating germination metabolism, trehalose accumulation, and carbon assimilation. <i>Plant Physiology and Biochemistry</i> , <b>2018</b> , 126, 47-54	5.4	24
198	Silicon nutrition mitigates salinity stress in maize by modulating ion accumulation, photosynthesis, and antioxidants. <i>Photosynthetica</i> , <b>2018</b> , 56, 1047-1057	2.2	23
197	Drought stress in sunflower: Physiological effects and its management through breeding and agronomic alternatives. <i>Agricultural Water Management</i> , <b>2018</b> , 201, 152-166	5.9	133

196	Farmyard manure alone and combined with immobilizing amendments reduced cadmium accumulation in wheat and rice grains grown in field irrigated with raw effluents. <i>Chemosphere</i> , <b>2018</b> , 199, 468-476	8.4	46
195	Seed priming of Zn with endophytic bacteria improves the productivity and grain biofortification of bread wheat. <i>European Journal of Agronomy</i> , <b>2018</b> , 94, 98-107	5	87
194	Seed priming with sorghum extracts and benzyl aminopurine improves the tolerance against salt stress in wheat ( L.). <i>Physiology and Molecular Biology of Plants</i> , <b>2018</b> , 24, 239-249	2.8	43
193	Exogenous application of allelopathic water extracts helps improving tolerance against terminal heat and drought stresses in bread wheat ( <i>Triticum aestivum</i> L. Em. Thell.). <i>Journal of Agronomy and Crop Science</i> , <b>2018</b> , 204, 298-312	3.9	9
192	Effect of humic and fulvic acid transformation on cadmium availability to wheat cultivars in sewage sludge amended soil. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 16071-16079	5.1	18
191	Characterizing bread wheat genotypes of Pakistani origin for grain zinc biofortification potential. <i>Journal of the Science of Food and Agriculture</i> , <b>2018</b> , 98, 4824-4836	4.3	16
190	MANGANESE NUTRITION IMPROVES THE PRODUCTIVITY AND GRAIN BIOFORTIFICATION OF BREAD WHEAT IN ALKALINE CALCAREOUS SOIL. <i>Experimental Agriculture</i> , <b>2018</b> , 54, 744-754	1.7	20
189	Pseudomonas-aided zinc application improves the productivity and biofortification of bread wheat. <i>Crop and Pasture Science</i> , <b>2018</b> , 69, 659	2.2	50
188	Evaluating Action Thresholds for <i>Amrasca devastans</i> (Hemiptera: Cicadellidae) Management on Transgenic and Conventional Cotton Across Multiple Planting Dates. <i>Journal of Economic Entomology</i> , <b>2018</b> , 111, 2182-2191	2.2	4
187	Soil organic carbon dynamics in wheat - Green gram crop rotation amended with vermicompost and biochar in combination with inorganic fertilizers: A comparative study. <i>Journal of Cleaner Production</i> , <b>2018</b> , 201, 471-480	10.3	30
186	Impact of Abiotic Stresses on Grain Composition and Quality in Food Legumes. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 8887-8897	5.7	21
185	Micronutrient seed priming improves stand establishment, grain yield and biofortification of bread wheat. <i>Crop and Pasture Science</i> , <b>2018</b> , 69, 479	2.2	7
184	Boron nutrition of rice in different production systems. A review. <i>Agronomy for Sustainable Development</i> , <b>2018</b> , 38, 1	6.8	44
183	Using Biotechnology-Led Approaches to Uplift Cereal and Food Legume Yields in Dryland Environments. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 1249	6.2	13
182	Terminal drought and seed priming improves drought tolerance in wheat. <i>Physiology and Molecular Biology of Plants</i> , <b>2018</b> , 24, 845-856	2.8	24
181	Zinc nutrition in wheat-based cropping systems. <i>Plant and Soil</i> , <b>2018</b> , 422, 283-315	4.2	97
180	Morphological and chromosomal abnormalities in gamma radiation-induced mutagenized faba bean genotypes. <i>International Journal of Radiation Biology</i> , <b>2018</b> , 94, 174-185	2.9	11
179	Application of zinc improves the productivity and biofortification of fine grain aromatic rice grown in dry seeded and puddled transplanted production systems. <i>Field Crops Research</i> , <b>2018</b> , 216, 53-62	5.5	61

178	Effects of surface drying and re-drying primed seeds on germination and seedling growth of chickpea. <i>Seed Science and Technology</i> , <b>2018</b> , 46, 211-215	0.6	5
177	Thermal Stress Impacts on Reproductive Development and Grain Yield in Grain Legumes <b>2018</b> , 61, 265-291		8
176	Growth Stimulating Influence of Foliage Applied Brassica Water Extracts on Morphological and Yield Attributes of Bread Wheat under Different Fertilizer Regimes. <i>Planta Daninha</i> , <b>2018</b> , 36,	0.7	8
175	Categorization of wheat genotypes for phosphorus efficiency. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205471	3.7	23
174	Choice of nitrogen fertilizer affects grain yield and agronomic nitrogen use efficiency of wheat cultivars. <i>Journal of Plant Nutrition</i> , <b>2018</b> , 41, 2330-2343	2.3	2
173	Single nucleotide polymorphisms in TaER genes and their association with carbon isotope discrimination in wheat genotypes under drought. <i>Biologia Plantarum</i> , <b>2018</b> , 62, 703-710	2.1	
172	Biochar for crop production: potential benefits and risks. <i>Journal of Soils and Sediments</i> , <b>2017</b> , 17, 685-716	1.64	222
171	Drought Stress in Grain Legumes during Reproduction and Grain Filling. <i>Journal of Agronomy and Crop Science</i> , <b>2017</b> , 203, 81-102	3.9	182
170	Mulching Affects Soil Properties and Greenhouse Gas Emissions Under Long-Term No-Till and Plough-Till Systems in Alfisol of Central Ohio. <i>Land Degradation and Development</i> , <b>2017</b> , 28, 673-681	4.4	47
169	Management strategies for sustainable yield of potato crop under high temperature. <i>Archives of Agronomy and Soil Science</i> , <b>2017</b> , 63, 276-287	2	7
168	Evaluating the role of seed priming in improving drought tolerance of pigmented and non-pigmented rice. <i>Journal of Agronomy and Crop Science</i> , <b>2017</b> , 203, 269-276	3.9	28
167	Comparison of conventional and conservation rice-wheat systems in Punjab, Pakistan. <i>Soil and Tillage Research</i> , <b>2017</b> , 169, 35-43	6.5	34
166	Application of natural plant extracts improves the tolerance against combined terminal heat and drought stresses in bread wheat. <i>Journal of Agronomy and Crop Science</i> , <b>2017</b> , 203, 528-538	3.9	20
165	Effects, tolerance mechanisms and management of salt stress in grain legumes. <i>Plant Physiology and Biochemistry</i> , <b>2017</b> , 118, 199-217	5.4	101
164	A comprehensive characterisation of safflower oil for its potential applications as a bioactive food ingredient - A review. <i>Trends in Food Science and Technology</i> , <b>2017</b> , 66, 176-186	15.3	56
163	Foliage-applied sodium nitroprusside and hydrogen peroxide improves resistance against terminal drought in bread wheat. <i>Journal of Agronomy and Crop Science</i> , <b>2017</b> , 203, 473-482	3.9	18
162	EVALUATION OF TRANSPLANTING BT COTTON IN A COTTON-WHEAT CROPPING SYSTEM. <i>Experimental Agriculture</i> , <b>2017</b> , 53, 227-241	1.7	4
161	Improving resistance against terminal drought in bread wheat by exogenous application of proline and gamma-aminobutyric acid. <i>Journal of Agronomy and Crop Science</i> , <b>2017</b> , 203, 464-472	3.9	28

160	Thermal stress impacts reproductive development and grain yield in rice. <i>Plant Physiology and Biochemistry</i> , <b>2017</b> , 115, 57-72	5.4	77
159	Seed priming improves chilling tolerance in chickpea by modulating germination metabolism, trehalose accumulation and carbon assimilation. <i>Plant Physiology and Biochemistry</i> , <b>2017</b> , 111, 274-283	5.4	54
158	Manganese nutrition improves the productivity and grain biofortification of fine grain aromatic rice in conventional and conservation production systems. <i>Paddy and Water Environment</i> , <b>2017</b> , 15, 563-572	1.6	10
157	Economic assessment of conventional and conservation tillage practices in different wheat-based cropping systems of Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 24634-24643	5.1	18
156	Using Sorghum to suppress weeds in dry seeded aerobic and puddled transplanted rice. <i>Field Crops Research</i> , <b>2017</b> , 214, 211-218	5.5	17
155	Heat stress in grain legumes during reproductive and grain-filling phases. <i>Crop and Pasture Science</i> , <b>2017</b> , 68, 985	2.2	42
154	Stimulatory effect on pea of <i>Typha Angustifolia</i> L. extracts and their chemical composition. <i>Journal of Plant Nutrition</i> , <b>2017</b> , 40, 1993-2005	2.3	1
153	Evaluating Korean rice genotypes and landraces for octacosanol contents and antioxidant activity. <i>Natural Product Research</i> , <b>2017</b> , 31, 2778-2782	2.3	2
152	Rapid injuries of high temperature in plants <b>2017</b> , 60, 298-305		18
151	Determining soil quality in urban agricultural regions by soil enzyme-based index. <i>Environmental Geochemistry and Health</i> , <b>2017</b> , 39, 1531-1544	4.7	6
150	Seed priming and transgenerational drought memory improves tolerance against salt stress in bread wheat. <i>Plant Physiology and Biochemistry</i> , <b>2017</b> , 118, 362-369	5.4	61
149	Effect of high temperature on yield associated parameters and vascular bundle development in five potato cultivars. <i>Scientia Horticulturae</i> , <b>2017</b> , 225, 134-140	4.1	9
148	Seed priming with sorghum water extract and benzyl amino purine along with surfactant improves germination metabolism and early seedling growth of wheat. <i>Archives of Agronomy and Soil Science</i> , <b>2017</b> , 63, 319-329	2	16
147	Influence of Sesbania Brown Manuring and Rice Residue Mulch on Soil Health, Weeds and System Productivity of Conservation Rice-Wheat Systems. <i>Land Degradation and Development</i> , <b>2017</b> , 28, 1078-1090	4.4	51
146	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> , <b>2017</b> , 0-0	3.2	1
145	Food Legumes and Rising Temperatures: Effects, Adaptive Functional Mechanisms Specific to Reproductive Growth Stage and Strategies to Improve Heat Tolerance. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 1658	6.2	96
144	Boron Seed Priming Improves the Seedling Emergence, Growth, Grain Yield and Grain Biofortification of Bread Wheat. <i>International Journal of Agriculture and Biology</i> , <b>2017</b> , 19, 177-182	1.5	20
143	Rice Physiology <b>2017</b> , 455-485		1

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140	Zinc seed coating improves the growth, grain yield and grain biofortification of bread wheat. <i>Acta Physiologiae Plantarum</i> , <b>2016</b> , 38, 1	2.6	29
139	Physico-chemical Properties and Antioxidant Potential of Papaya ( <i>Carica papaya</i> ). <i>Journal of Herbs, Spices and Medicinal Plants</i> , <b>2016</b> , 22, 327-336	0.9	
138	Surfactant enhanced pyrene degradation in the rhizosphere of tall fescue ( <i>Festuca arundinacea</i> ). <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 18129-36	5.1	12
137	Weed spectrum in different wheat-based cropping systems under conservation and conventional tillage practices in Punjab, Pakistan. <i>Soil and Tillage Research</i> , <b>2016</b> , 163, 71-79	6.5	29
136	Salt and drought stresses in safflower: a review. <i>Agronomy for Sustainable Development</i> , <b>2016</b> , 36, 1	6.8	88
135	Seed priming improves stand establishment and productivity of no till wheat grown after direct seeded aerobic and transplanted flooded rice. <i>European Journal of Agronomy</i> , <b>2016</b> , 76, 130-137	5	32
134	Productivity and profitability of cotton-wheat system as influenced by relay intercropping of insect resistant transgenic cotton in bed planted wheat. <i>European Journal of Agronomy</i> , <b>2016</b> , 75, 33-41	5	17
133	Economic assessment of different mulches in conventional and water-saving rice production systems. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 9156-63	5.1	25
132	Field Performance and Genetic Diversity of Chickpea Genotypes. <i>International Journal of Agriculture and Biology</i> , <b>2016</b> , 18, 683-688	1.5	3
131	Influence of Various Tillage Practices on Soil Physical Properties and Wheat Performance in Different Wheat-based Cropping Systems. <i>International Journal of Agriculture and Biology</i> , <b>2016</b> , 18, 821-829	1.5	13
130	Research and Developmental Issues in Dryland Agriculture <b>2016</b> , 31-46		6
129	Seed biopriming with plant growth promoting rhizobacteria: a review. <i>FEMS Microbiology Ecology</i> , <b>2016</b> , 92,	4.3	120
128	Influence of high temperature on carbon assimilation, enzymatic antioxidants and tuber yield of different potato cultivars. <i>Russian Journal of Plant Physiology</i> , <b>2016</b> , 63, 319-325	1.6	6
127	Improvement of <i>Pisum sativum</i> salt stress tolerance by bio-priming their seeds using <i>Typha angustifolia</i> leaves aqueous extract. <i>South African Journal of Botany</i> , <b>2016</b> , 105, 240-250	2.9	23
126	What do we really know about alien plant invasion? A review of the invasion mechanism of one of the world's worst weeds. <i>Planta</i> , <b>2016</b> , 244, 39-57	4.7	87
125	Weed management in resource conservation production systems in Pakistan. <i>Crop Protection</i> , <b>2016</b> , 85, 89-103	2.7	18

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123	Improving the performance of short-duration basmati rice in water-saving production systems by boron nutrition. <i>Annals of Applied Biology</i> , <b>2016</b> , 168, 19-28	2.6	18
122	Seed priming with zinc improves the germination and early seedling growth of wheat. <i>Seed Science and Technology</i> , <b>2015</b> , 43, 262-268	0.6	38
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119	Physiological and Molecular Characterization of Faba bean ( <i>Vicia faba</i> L.) Genotypes for Adaptation to Drought Stress. <i>Journal of Agronomy and Crop Science</i> , <b>2015</b> , 201, 401-409	3.9	13
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114	WATER SAVING, WATER PRODUCTIVITY AND YIELD OUTPUTS OF FINE-GRAIN RICE CULTIVARS UNDER CONVENTIONAL AND WATER-SAVING RICE PRODUCTION SYSTEMS. <i>Experimental Agriculture</i> , <b>2015</b> , 51, 567-581	1.7	27
113	Influence of Seed Priming on Performance and Water Productivity of Direct Seeded Rice in Alternating Wetting and Drying. <i>Rice Science</i> , <b>2015</b> , 22, 189-196	3.8	16
112	Mulching Improves Water Productivity, Yield and Quality of Fine Rice under Water-saving Rice Production Systems. <i>Journal of Agronomy and Crop Science</i> , <b>2015</b> , 201, 389-400	3.9	60
111	Physiological and Yield Responses of Faba bean ( <i>Vicia faba</i> L.) to Drought Stress in Managed and Open Field Environments. <i>Journal of Agronomy and Crop Science</i> , <b>2015</b> , 201, 280-287	3.9	26
110	Salt stress in maize: effects, resistance mechanisms, and management. A review. <i>Agronomy for Sustainable Development</i> , <b>2015</b> , 35, 461-481	6.8	286
109	Soil Application of Boron Improves the Tillering, Leaf Elongation, Panicle Fertility, Yield and its Grain Enrichment in Fine-Grain Aromatic Rice. <i>Journal of Plant Nutrition</i> , <b>2015</b> , 38, 338-354	2.3	5
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107	Influence of boron nutrition on the rice productivity, kernel quality and biofortification in different production systems. <i>Field Crops Research</i> , <b>2014</b> , 169, 123-131	5.5	26

106	Drought Stress in Wheat during Flowering and Grain-filling Periods. <i>Critical Reviews in Plant Sciences</i> , <b>2014</b> , 33, 331-349	5.6	288
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102	Phosphorus Deficiency in Plants: Responses, Adaptive Mechanisms, and Signaling <b>2014</b> , 133-148		12
101	Role of Allelopathy in Weed Management <b>2014</b> , 39-61		2
100	Seed Priming with Ascorbic Acid Improves Drought Resistance of Wheat. <i>Journal of Agronomy and Crop Science</i> , <b>2013</b> , 199, 12-22	3.9	106
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97	Application of Allelopathy in Crop Production: Success Story from Pakistan <b>2013</b> , 113-143		19
96	Allelopathy and Crop Nutrition <b>2013</b> , 337-348		3
95	Implications of Potential Allelopathic Crops in Agricultural Systems <b>2013</b> , 349-385		30
94	Application of Moringa Allelopathy in Crop Sciences <b>2013</b> , 469-483		4
93	Role of Nitric Oxide in Improving Plant Resistance Against Salt Stress <b>2013</b> , 413-424		5
92	Optimizing row spacing in wheat cultivars differing in tillering and stature for higher productivity. <i>Archives of Agronomy and Soil Science</i> , <b>2013</b> , 59, 1457-1470	2	14
91	Exogenous application of moringa leaf extract modulates the antioxidant enzyme system to improve wheat performance under saline conditions. <i>Plant Growth Regulation</i> , <b>2013</b> , 69, 225-233	3.2	106
90	Maize-Borghum intercropping systems for purple nutsedge management. <i>Archives of Agronomy and Soil Science</i> , <b>2013</b> , 59, 1279-1288	2	17
89	Allelopathy and Abiotic Stress Interaction in Crop Plants <b>2013</b> , 451-468		16

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87	Zinc nutrition in rice production systems: a review. <i>Plant and Soil</i> , <b>2012</b> , 361, 203-226	4.2	118
86	Boron Application Improves Growth, Yield and Net Economic Return of Rice. <i>Rice Science</i> , <b>2012</b> , 19, 259-262	3.6	24
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84	Antioxidant defense system and proline accumulation enables hot pepper to perform better under drought. <i>Scientia Horticulturae</i> , <b>2012</b> , 140, 66-73	4.1	98
83	Drought Stress in Plants: An Overview <b>2012</b> , 1-33		134
82	Boron application through seed coating improves the water relations, panicle fertility, kernel yield, and biofortification of fine grain aromatic rice. <i>Acta Physiologiae Plantarum</i> , <b>2012</b> , 35, 411	2.6	3
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78	Reduced Herbicide Doses Used Together with Allelopathic Sorghum and Sunflower Water Extracts for Weed Control in Wheat. <i>Journal of Plant Protection Research</i> , <b>2012</b> , 52, 281-285		34
77	Micronutrient application through seed treatments: a review. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2012</b> , 12, 125-142	3.2	137
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47	Exogenously Applied Nitric Oxide Enhances the Drought Tolerance in Fine Grain Aromatic Rice ( <i>Oryza sativa</i> L.). <i>Journal of Agronomy and Crop Science</i> , <b>2009</b> , 195, 254-261	3.9	94
46	Improving Water Relations and Gas Exchange with Brassinosteroids in Rice under Drought Stress. <i>Journal of Agronomy and Crop Science</i> , <b>2009</b> , 195, 262-269	3.9	123
45	Exogenous Glycinebetaine and Salicylic Acid Application Improves Water Relations, Allometry and Quality of Hybrid Sunflower under Water Deficit Conditions. <i>Journal of Agronomy and Crop Science</i> , <b>2009</b> , 195, 98-109	3.9	60
44	Plant drought stress: effects, mechanisms and management. <i>Agronomy for Sustainable Development</i> , <b>2009</b> , 29, 185-212	6.8	1743
43	Plant Drought Stress: Effects, Mechanisms and Management <b>2009</b> , 153-188		331
42	Alternative control of wild oat and canary grass in wheat fields by allelopathic plant water extracts. <i>Agronomy for Sustainable Development</i> , <b>2009</b> , 29, 475-482	6.8	50
41	Advances in Drought Resistance of Rice. <i>Critical Reviews in Plant Sciences</i> , <b>2009</b> , 28, 199-217	5.6	138
40	Rice Seed Invigoration: A Review. <i>Sustainable Agriculture Reviews</i> , <b>2009</b> , 137-175	1.3	36
39	Chilling tolerance in maize: agronomic and physiological approaches. <i>Crop and Pasture Science</i> , <b>2009</b> , 60, 501	2.2	112
38	Role of nodal bud and sprout tissue nutrients in sprout establishment, growth, and salt tolerance of sugarcane. <i>Crop and Pasture Science</i> , <b>2009</b> , 60, 453	2.2	5
37	Seed Priming Enhances the Performance of Late Sown Wheat ( <i>Triticum aestivum</i> L.) by Improving Chilling Tolerance. <i>Journal of Agronomy and Crop Science</i> , <b>2008</b> , 194, 55-60	3.9	107
36	Glycinebetaine Improves Chilling Tolerance in Hybrid Maize. <i>Journal of Agronomy and Crop Science</i> , <b>2008</b> , 194, 152-160	3.9	85
35	Chilling Tolerance in Hybrid Maize Induced by Seed Priming with Salicylic Acid. <i>Journal of Agronomy and Crop Science</i> , <b>2008</b> , 194, 161-168	3.9	140

34	Improving Drought Tolerance by Exogenous Application of Glycinebetaine and Salicylic Acid in Sunflower. <i>Journal of Agronomy and Crop Science</i> , <b>2008</b> , 194, 193-199	3.9	224
33	Exploring the Role of Calcium to Improve Chilling Tolerance in Hybrid Maize. <i>Journal of Agronomy and Crop Science</i> , <b>2008</b> , 194, 350-359	3.9	31
32	Physiological Role of Exogenously Applied Glycinebetaine to Improve Drought Tolerance in Fine Grain Aromatic Rice ( <i>Oryza sativa</i> L.). <i>Journal of Agronomy and Crop Science</i> , <b>2008</b> , 194, 325-333	3.9	174
31	Activation of Antioxidant System by KCl Improves the Chilling Tolerance in Hybrid Maize. <i>Journal of Agronomy and Crop Science</i> , <b>2008</b> , 194, 438	3.9	12
30	Seed Priming with Polyamines Improves the Germination and Early Seedling Growth in Fine Rice. <i>Journal of New Seeds</i> , <b>2008</b> , 9, 145-155		25
29	Sorghum Allelopathy for Weed Management in Wheat <b>2008</b> , 255-270		2
28	Influence of nitrogen on the interference of barnyard grass ( <i>Echinochloa crus-galli</i> ) with fine grain aromatic rice. <i>Archives of Agronomy and Soil Science</i> , <b>2008</b> , 54, 493-505	2	3
27	Exogenous glycinebetaine application improves yield under water-limited conditions in hybrid sunflower. <i>Archives of Agronomy and Soil Science</i> , <b>2008</b> , 54, 557-567	2	10
26	Seed pretreatment with hydrogen peroxide improves heat tolerance in maize at germination and seedling growth stages. <i>Seed Science and Technology</i> , <b>2008</b> , 36, 633-645	0.6	29
25	Priming enhances germination of spring maize ( <i>Zea mays</i> L.) under cool conditions. <i>Seed Science and Technology</i> , <b>2008</b> , 36, 497-503	0.6	28
24	Comparison of conventional puddling and dry tillage in rice-wheat system. <i>Paddy and Water Environment</i> , <b>2008</b> , 6, 397-404	1.6	36
23	Improving the performance of transplanted rice by seed priming. <i>Plant Growth Regulation</i> , <b>2007</b> , 51, 129-137	3.2	68
22	Seed priming improves growth of nursery seedlings and yield of transplanted rice. <i>Archives of Agronomy and Soil Science</i> , <b>2007</b> , 53, 315-326	2	31
21	Enhancing the Performance of Direct Seeded Fine Rice by Seed Priming. <i>Plant Production Science</i> , <b>2006</b> , 9, 446-456	2.4	103
20	Seed invigoration by osmohardening in coarse and fine rice. <i>Seed Science and Technology</i> , <b>2006</b> , 34, 181-187		68
19	Rice seed invigoration by hormonal and vitamin priming. <i>Seed Science and Technology</i> , <b>2006</b> , 34, 753-758	0.6	20
18	Nutrient homeostasis, metabolism of reserves, and seedling vigor as affected by seed priming in coarse rice. <i>Canadian Journal of Botany</i> , <b>2006</b> , 84, 1196-1202		70
17	Evaluation of seed vigour enhancement techniques on physiological and biochemical basis in coarse rice ( <i>Oryza sativa</i> L.). <i>Seed Science and Technology</i> , <b>2006</b> , 34, 719-728	0.6	4

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15	Optimization of hydropriming techniques for rice seed invigoration. <i>Seed Science and Technology</i> , <b>2006</b> , 34, 507-512	0.6	51
14	Priming of field-sown rice seed enhances germination, seedling establishment, allometry and yield. <i>Plant Growth Regulation</i> , <b>2006</b> , 49, 285-294	3.2	142
13	Thermal Hardening: A New Seed Vigor Enhancement Tool in Rice. <i>Journal of Integrative Plant Biology</i> , <b>2005</b> , 47, 187-193	8.3	180
12	Physiological and biochemical aspects of pre-sowing seed treatments in fine rice ( <i>Oryza sativa</i> L.). <i>Seed Science and Technology</i> , <b>2005</b> , 33, 623-628	0.6	118
11	Optimization of seed hardening techniques for rice seed invigoration. <i>Emirates Journal of Food and Agriculture</i> , <b>2004</b> , 16, 48	1	4
10	Thiourea Application Increases Seed and Oil Yields in Camelina Under Heat Stress by Modulating the Plant Water Relations and Antioxidant Defense System. <i>Journal of Soil Science and Plant Nutrition</i> ,1	3.2	0
9	Influence of Seeding Rate, Nitrogen Rate and Weed Regimes on Productivity and Nitrogen Efficiency of Dry Direct-Seeded Rice. <i>International Journal of Plant Production</i> ,1	2.4	1
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3	Sesbania brown manuring improves soil health, productivity, and profitability of post-rice bread wheat and chickpea. <i>Experimental Agriculture</i> ,1-18	1.7	1
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1	Economic assessment of water-saving irrigation management techniques and continuous flooded irrigation in different rice production systems. <i>Paddy and Water Environment</i> ,1	1.6	1