

Khalid Rehman Hakeem

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.

230
papers

2,910
citations

26
h-index

45
g-index

273
ext. papers

3,940
ext. citations

3.1
avg, IF

5.64
L-index

#	Paper	IF	Citations
230	The Assessment of Morphological Diversity of <i>Colchicum luteum</i> L., an Economically Important Threatened Medicinal Plant of Kashmir Himalaya. <i>Sustainability</i> , 2022 , 14, 1327	3.6	2
229	Amelioration of salinity induced damage in plants by selenium application: A review. <i>South African Journal of Botany</i> , 2022 , 147, 98-105	2.9	1
228	Phytoremediation of persistent organic pollutants (POPs) 2022 , 415-436		1
227	The history of phytoremediation 2022 , 1-18		0
226	Nature sucks up explosives 2022 , 351-368		0
225	Vulnerability of municipal solid waste: An emerging threat to aquatic ecosystems. <i>Chemosphere</i> , 2022 , 287, 132223	8.4	8
224	Exogenously applied calcium regulates antioxidative system and reduces cadmium-uptake in <i>Fagopyrum esculentum</i> .. <i>Plant Physiology and Biochemistry</i> , 2022 , 180, 17-26	5.4	1
223	Insights into Potential Roles of Plants as Natural Radioprotectants and Amelioration of Radiations Induced Harmful Impacts on Human Health 2022 , 311-325		
222	Functional Characterization of the Antioxidant Enzymes in Plants Exposed to Environmental Stresses 2022 , 15-30		
221	Extremophiles as Gold Mines for Bioprospecting 2022 , 332-344		
220	Melatonin Rescues Photosynthesis and Triggers Antioxidant Defense Response in Plants Challenged by Low Temperature and High Humidity.. <i>Frontiers in Plant Science</i> , 2022 , 13, 855900	6.2	0
219	Zinc Supplementation Enhances Glutathione-Mediated Antioxidant Defense and Glyoxalase Systems to Conferring Salt Tolerance in Soybean (<i>Glycine max</i> L.). <i>Agronomy</i> , 2022 , 12, 1032	3.6	1
218	Arsenic Exposure through Dietary Intake and Associated Health Hazards in the Middle East. <i>Nutrients</i> , 2022 , 14, 2136	6.7	1
217	Aflatoxins: An Introduction 2021 , 1-18		
216	Removal and Detoxification of Aflatoxins 2021 , 195-205		
215	Molecular Characterization and Population Genetic Structure of <i>Fagopyrum</i> Species Cultivated in Himalayan Regions. <i>Sustainability</i> , 2021 , 13, 12165	3.6	0
214	miRNAomic Approach to Plant Nitrogen Starvation. <i>International Journal of Genomics</i> , 2021 , 2021, 8560323		1

213	Biochar promotes arsenic (As) immobilization in contaminated soils and alleviates the As-toxicity in soybean (<i>Glycine max</i> (L.) Merr.).. <i>Chemosphere</i> , 2021 , 292, 133407	8.4	1
212	The potential exposure and hazards of metal-based nanoparticles on plants and environment, with special emphasis on ZnO NPs, TiO ₂ NPs, and AgNPs: A review. <i>Environmental Advances</i> , 2021 , 6, 100128	3.5	5
211	Olive Oil Based Methotrexate Loaded Topical Nanoemulsion Gel for the Treatment of Imiquimod Induced Psoriasis-like Skin Inflammation in an Animal Model. <i>Biology</i> , 2021 , 10,	4.9	4
210	Synergistic effect of plant extract coupled silver nanoparticles in various therapeutic applications-present insights and bottlenecks. <i>Chemosphere</i> , 2021 , 288, 132527	8.4	8
209	Silymarin-Enriched Biostimulant Foliar Application Minimizes the Toxicity of Cadmium in Maize by Suppressing Oxidative Stress and Elevating Antioxidant Gene Expression. <i>Biomolecules</i> , 2021 , 11,	5.9	13
208	Exogenous application of melatonin alleviates salt stress-induced decline in growth and photosynthesis in <i>Glycine max</i> (L.) seedlings by improving mineral uptake, antioxidant and glyoxalase system. <i>Plant, Soil and Environment</i> , 2021 , 67, 208-220	2.2	12
207	Comparison of Fine and Coarse Rice Varieties for Nickel Accumulation and Growth Response at Different Levels of Nickel. <i>Clean - Soil, Air, Water</i> , 2021 , 49, 2000336	1.6	0
206	Impact of treated sewage water on nutrient status of alfisols and vegetable crops. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021 , 49, 12255	1.2	1
205	Understanding the Integrated Pathways and Mechanisms of Transporters, Protein Kinases, and Transcription Factors in Plants under Salt Stress. <i>International Journal of Genomics</i> , 2021 , 2021, 5578727	2.5	13
204	Exogenous Application of Zinc to Mitigate the Salt Stress in (L.) Wilczek-Evaluation of Physiological and Biochemical Processes. <i>Plants</i> , 2021 , 10,	4.5	2
203	Maize Grain Extract Enriched with Polyamines Alleviates Drought Stress in <i>Triticum aestivum</i> through Up-Regulation of the Ascorbate-Glutathione Cycle, Glyoxalase System, and Polyamine Gene Expression. <i>Agronomy</i> , 2021 , 11, 949	3.6	10
202	Proteomic Investigations to Assess the Impact of Salinity on <i>Vigna radiata</i> L. Genotypes. <i>Current Proteomics</i> , 2021 , 18, 106-112	0.7	1
201	Evaluation of Coal Fly Ash for Modulating the Plant Growth, Yield, and Antioxidant Properties of <i>Daucus carota</i> (L.): A Sustainable Approach to Coal Waste Recycling. <i>Sustainability</i> , 2021 , 13, 5116	3.6	5
200	Comparative Study on Phytochemical Profile and Antioxidant Activity of an Epiphyte, L. (White Berry Mistletoe), Derived from Different Host Trees. <i>Plants</i> , 2021 , 10,	4.5	2
199	Optimizing Nitrogen Application in Root Vegetables from Their Growth, Biochemical and Antioxidant Response to Urea Fertilizer. <i>Agriculture (Switzerland)</i> , 2021 , 11, 704	3	2
198	γ-Aminobutyric acid (GABA) mitigates drought and heat stress in sunflower (<i>Helianthus annuus</i> L.) by regulating its physiological, biochemical and molecular pathways. <i>Physiologia Plantarum</i> , 2021 , 172, 505-527	4.6	16
197	An updated knowledge of Black seed (Linn.): Review of phytochemical constituents and pharmacological properties. <i>Journal of Herbal Medicine</i> , 2021 , 25, 100404	2.3	36
196	Lead and aluminium-induced oxidative stress and alteration in the activities of antioxidant enzymes in chicory plants. <i>Scientia Horticulturae</i> , 2021 , 278, 109847	4.1	3

195	Garden cress (<i>Lepidium sativum</i> L.) seeds enhancing osteogenesis postinduced-bone fracture. <i>Pharmacognosy Magazine</i> , 2021 , 17, 170	0.8	1
194	Phenotypic and Molecular Assessment of Wheat Genotypes Tolerant to Leaf Blight, Rust and Blast Diseases. <i>Phyton</i> , 2021 , 90, 1301-1320	2.1	3
193	Biomass Production of Various Halophytes 2021 , 2211-2223		1
192	Potential Uses of Bioactive Compounds of Medicinal Plants and Their Mode of Action in Several Human Diseases 2021 , 143-158		2
191	Morpho-Physiological, Biochemical and Molecular Adaptation of Millets to Abiotic Stresses: A Review. <i>Phyton</i> , 2021 , 90, 1363-1385	2.1	4
190	Mistletoe lectins: From interconnecting proteins to potential tumour inhibiting agents. <i>Phytomedicine Plus</i> , 2021 , 1, 100039		2
189	Unravelling the molecular mechanism of mutagenic factors impacting human health. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
188	Antioxidant enzyme responses and metabolite functioning of <i>Pisum sativum</i> L. to sewage sludge in arid and semi-arid environments. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
187	Effective Removal of Cr(VI) from Wastewater Using Biochar Derived from Walnut Shell. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
186	Potential Adjuvant Therapeutic Effect of Probio-88 Postbiotics against SARS-COV-2. <i>Vaccines</i> , 2021 , 9,	5.3	9
185	Salt Stress Threshold in Millets: Perspective on Cultivation on Marginal Lands for Biomass. <i>Phyton</i> , 2021 , 90, 51-64	2.1	6
184	An Insight into the Role of Plant Growth Regulators in Stimulating Abiotic Stress Tolerance in Some Medicinally Important Plants 2021 , 75-100		2
183	Facile Bio-Fabrication of Ag-Cu-Co Trimetallic Nanoparticles and Its Fungicidal Activity against. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	11
182	Anticancer Properties of Eugenol: A Review. <i>Molecules</i> , 2021 , 26,	4.8	7
181	Physico-rheological characterization of organically derived seed samples from <i>Alpinia nigra</i> (Gaertn.) B.L. Burt, an ethnic medicinal plant of Northeast India. <i>Industrial Crops and Products</i> , 2020 , 152, 112560	5.9	4
180	Accumulation potential and tolerance response of <i>Typha latifolia</i> L. under citric acid assisted phytoextraction of lead and mercury. <i>Chemosphere</i> , 2020 , 257, 127247	8.4	19
179	Lead toxicity alters the antioxidant defense machinery and modulate the biomarkers in Tartary buckwheat plants. <i>International Biodeterioration and Biodegradation</i> , 2020 , 151, 104992	4.8	11
178	Exogenous application of selenium (Se) mitigates NaCl stress in proso and foxtail millets by improving their growth, physiology and biochemical parameters. <i>Acta Physiologiae Plantarum</i> , 2020 , 42, 1	2.6	6

177	Molecular cloning, expression, overproduction and characterization of human TRAIIP Leucine zipper protein. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 1562-1565	4	9
176	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020 , 29, 1495-1514	6.1	21
175	Moringa oleifera methanolic leaves extract induces apoptosis and G0/G1 cell cycle arrest via downregulation of Hedgehog Signaling Pathway in human prostate PC-3 cancer cells. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13338	3.3	10
174	Tailoring cellular metabolism in lactic acid bacteria through metabolic engineering. <i>Journal of Microbiological Methods</i> , 2020 , 170, 105862	2.8	10
173	Allelopathy. <i>SpringerBriefs in Agriculture</i> , 2020 ,	0.9	3
172	Potential antitumor activity of exopolysaccharide produced from date seed powder as a carbon source for <i>Bacillus subtilis</i> . <i>Journal of Microbiological Methods</i> , 2020 , 170, 105853	2.8	4
171	Allelochemicals change macromolecular content of some selected weeds. <i>South African Journal of Botany</i> , 2020 , 130, 177-184	2.9	5
170	Magnetized Water Confers Drought Stress Tolerance in Moringa Biotype via Modulation of Growth, Gas Exchange, Lipid Peroxidation and Antioxidant Activity. <i>Polish Journal of Environmental Studies</i> , 2020 , 29, 1625-1636	2.3	16
169	Plant Profile and Documented Evidence in Different Systems of Traditional Medicine. <i>SpringerBriefs in Plant Science</i> , 2020 , 7-16	0.3	
168	A Molecular Assessment of Red Algae with Reference to the Utility of DNA Barcoding 2020 , 103-118		1
167	Pomegranate peel extract lessens histopathologic changes and restores antioxidant homeostasis in the hippocampus of rats with aluminium chloride-induced Alzheimer's disease. <i>Asian Pacific Journal of Tropical Medicine</i> , 2020 , 13, 456	2.1	1
166	Mechanism of Action of Allelochemicals. <i>SpringerBriefs in Agriculture</i> , 2020 , 61-66	0.9	3
165	Economic Importance and Formulations. <i>SpringerBriefs in Plant Science</i> , 2020 , 85-87	0.3	
164	Patent Status for Phyto-pharmacological Aspects. <i>SpringerBriefs in Plant Science</i> , 2020 , 89-93	0.3	
163	Chitin, Chitinases and Chitin Derivatives in Biopharmaceutical, Agricultural and Environmental Perspective. <i>Biointerface Research in Applied Chemistry</i> , 2020 , 11, 9985-10005	2.8	8
162	The Role of Micronutrients in Growth and Development: Transport and Signalling Pathways from Crosstalk Perspective 2020 , 73-81		
161	Conclusion and Future Perspectives. <i>SpringerBriefs in Plant Science</i> , 2020 , 95-99	0.3	
160	Ethnomedicinal Facts and Practice. <i>SpringerBriefs in Plant Science</i> , 2020 , 17-25	0.3	

159	Allelopathy Potential of Weeds Belonging to the Family. <i>SpringerBriefs in Agriculture</i> , 2020 , 37-43	0.9	
158	Distribution and Availability of the Present Remedy. <i>SpringerBriefs in Plant Science</i> , 2020 , 5-6	0.3	
157	Pharmacological and Bioactive Basis of <i>Adhatoda vasica</i> L. Nees. <i>SpringerBriefs in Plant Science</i> , 2020 , 61-84	0.3	
156	Biotechnological Approaches and Production of Secondary Metabolites. <i>SpringerBriefs in Plant Science</i> , 2020 , 27-35	0.3	
155	Phyto-pharmaceutical Potential and the Isolation of Novel Compounds from <i>Adhatoda vasica</i> L. Nees. <i>SpringerBriefs in Plant Science</i> , 2020 , 37-60	0.3	
154	Individual and combined application of EDTA and citric acid assisted phytoextraction of copper using jute (<i>Corchorus capsularis</i> L.) seedlings. <i>Environmental Technology and Innovation</i> , 2020 , 19, 10089 ⁷	26	
153	Integration of normalised different vegetation index and Soil-Adjusted Vegetation Index for mangrove vegetation delineation. <i>Remote Sensing Applications: Society and Environment</i> , 2020 , 17, 100280 ^{2,8}	13	
152	Biomass Production of Various Halophytes 2020 , 1-13		
151	Growth, biochemical, and antioxidant response of beetroot (<i>Beta vulgaris</i> L.) grown in fly ash-amended soil. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	12
150	Inoculation of <i>Rhizobium</i> Alleviates Salinity Stress Through Modulation of Growth Characteristics, Physiological and Biochemical Attributes, Stomatal Activities and Antioxidant Defence in <i>Cicer arietinum</i> L.. <i>Journal of Plant Growth Regulation</i> , 2020 , 40, 2148	4.7	6
149	Modulating effect of EDTA and SDS on growth, biochemical parameters and antioxidant defense system of <i>Dahlia variabilis</i> grown under cadmium and lead-induced stress. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2020 , 48, 906-923	1.2	5
148	Guggul gum incorporated with basil essential oil improves quality and modulates cell wall-degrading enzymes of jamun fruit during storage. <i>Scientia Horticulturae</i> , 2020 , 273, 109608	4.1	3
147	Uptake, translocation, and physiological effects of hematite (FeO) nanoparticles in barley (<i>Hordeum vulgare</i> L.). <i>Environmental Pollution</i> , 2020 , 266, 115391	9.3	23
146	Interspecific Inhibitory Interference of <i>Nicotiana plumbaginifolia</i> Viv. on <i>Pisum sativum</i> L.. <i>Journal of Plant Growth Regulation</i> , 2020 , 40, 2037	4.7	1
145	De novo transcriptome analysis of <i>Lantana camara</i> L. revealed candidate genes involved in phenylpropanoid biosynthesis pathway. <i>Scientific Reports</i> , 2020 , 10, 13726	4.9	5
144	Assisting Phytoremediation of Heavy Metals Using Chemical Amendments. <i>Plants</i> , 2019 , 8,	4.5	40
143	Aluminium stress modulates the osmolytes and enzyme defense system in <i>Fagopyrum</i> species. <i>Plant Physiology and Biochemistry</i> , 2019 , 144, 178-186	5.4	18
142	How to develop a comprehensive Mangrove Quality Index?. <i>MethodsX</i> , 2019 , 6, 1591-1599	1.9	2

141	Induce Apoptosis and Cell Cycle Arrest and Inhibit Metastasis on MCF7 Breast Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 6104574	2.3	4
140	Boron Alleviates Drought Stress by Enhancing Gene Expression and Antioxidant Enzyme Activity. <i>Journal of Soil Science and Plant Nutrition</i> , 2019 , 19, 545-555	3.2	14
139	Suppressing photorespiration for the improvement in photosynthesis and crop yields: A review on the role of S-allantoin as a nitrogen source. <i>Journal of Environmental Management</i> , 2019 , 237, 644-651	7.9	8
138	Development of a comprehensive mangrove quality index (MQI) in Matang Mangrove: Assessing mangrove ecosystem health. <i>Ecological Indicators</i> , 2019 , 102, 103-117	5.8	18
137	Phytochemical and Pharmacological Approaches of Traditional Alternate Cassia occidentalis L. 2019 , 321-341		1
136	Ajwa Dates: A Highly Nutritive Fruit with the Impending Therapeutic Application 2019 , 209-230		1
135	Salvadora persica L.: A Medicinal Plant with Multifaceted Role in Maintaining Oral Hygiene 2019 , 353-371		0
134	Protective Role of Medicinal Herb Anethum Graveolens (Dill) Against Various Human Diseases and Metabolic Disorders 2019 , 181-194		3
133	Identification of physiological and biochemical markers for salt (NaCl) stress in the seedlings of mungbean [(L.) Wilczek] genotypes. <i>Saudi Journal of Biological Sciences</i> , 2019 , 26, 1053-1060	4	13
132	Development of an efficient micropropagation system for Tecoma stans (L.) Juss. ex Kunth using thidiazuron and effects on phytochemical constitution. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2019 , 55, 442-453	2.3	8
131	Impact of calcium and magnesium substituted strontium nano-hexaferrite on mineral uptake, magnetic character, and physiology of barley (Hordeum vulgare L.). <i>Ecotoxicology and Environmental Safety</i> , 2019 , 186, 109751	7	18
130	The Effect of Magnetized Water on the Growth and Physiological Conditions of Moringa Species under Drought Stress. <i>Polish Journal of Environmental Studies</i> , 2019 , 28, 1145-1155	2.3	17
129	Salinity-induced antioxidant enzyme system in mungbean [Vigna radiata (L.) Wilczek] cv.) genotypes. <i>Pakistan Journal of Botany</i> , 2019 , 51,	2	4
128	Production of antioxidant exopolysaccharide from Pseudomonas aeruginosa utilizing heavy oil as a solo carbon source. <i>Pharmacognosy Research (discontinued)</i> , 2019 , 11, 378	0.7	3
127	Traditional Information About Herbal Medicine of Oral Activity. <i>SpringerBriefs in Public Health</i> , 2019 , 17-18	0.1	
126	Oral Hygiene for Healthy Life. <i>SpringerBriefs in Public Health</i> , 2019 , 5-6	0.1	1
125	Oral Diseases and Their Severity. <i>SpringerBriefs in Public Health</i> , 2019 , 7-15	0.1	
124	Experimental Approaches for Genome Sequencing 2019 , 159-165		0

123	Integration of Omic Approaches to Unravel the Heavy Metal Tolerance in Plants 2019 , 79-92		1
122	Advanced Multivariate and Computational Approaches in Agricultural Studies 2019 , 93-102		0
121	Impact of Plant Invasions on Local Vegetation: An Indian Perspective. <i>Biosciences, Biotechnology Research Asia</i> , 2019 , 16, 763-771	0.5	2
120	An Insight of Multitudinous and Inveterate Pharmacological Applications of Foeniculum vulgare (Fennel) 2019 , 231-254		
119	Tamarix aphylla (L.) Karst. Phytochemical and Bioactive Profile Compilations of Less Discussed but Effective Naturally Growing Saudi Plant 2019 , 343-352		2
118	Exogenous Nitric Oxide Mitigates Nickel-Induced Oxidative Damage in Eggplant by Upregulating Antioxidants, Osmolyte Metabolism, and Glyoxalase Systems. <i>Plants</i> , 2019 , 8,	4.5	32
117	Oral Health and Herbal Medicine. <i>SpringerBriefs in Public Health</i> , 2019 ,	0.1	1
116	Role of Medicinal Plant Species in Oral Health Sector. <i>SpringerBriefs in Public Health</i> , 2019 , 19-28	0.1	0
115	Rice Responses and Tolerance to High Temperature 2019 , 201-224		55
114	Cytotoxic allelochemicals induce ultrastructural modifications in Cassia tora L. and mitotic changes in Allium cepa L.: a weed versus weed allelopathy approach. <i>Protoplasma</i> , 2019 , 256, 857-871	3.4	8
113	Antioxidative defense mechanism against lead-induced phytotoxicity in Fagopyrum kashmirianum. <i>Chemosphere</i> , 2019 , 216, 595-604	8.4	17
112	The Physiology and Molecular Biology of Stress-Induced Senescence 2019 , 1-14		1
111	Chloroform fraction of Foeniculum vulgare induced ROS mediated, mitochondria-caspase-dependent apoptotic pathway in MCF-7, human breast cancer cell line. <i>Journal of Ethnopharmacology</i> , 2018 , 218, 16-26	5	12
110	Induction of apoptosis and cell cycle arrest by ethyl acetate fraction of Phoenix dactylifera L. (Ajwa dates) in prostate cancer cells. <i>Journal of Ethnopharmacology</i> , 2018 , 218, 35-44	5	34
109	Anethum graveolens (dill) - A medicinal herb induces apoptosis and cell cycle arrest in HepG2 cell line. <i>Journal of Ethnopharmacology</i> , 2018 , 219, 15-22	5	15
108	Multi-sensor temporal assessment of tropospheric nitrogen dioxide column densities over Pakistan. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 9647-9660	5.1	1
107	Phylogenetic classification of the world's tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1837-1842	11.5	107
106	Updated Inventory of Glacial Lakes in Teesta Basin Using Remote Sensing Data for Use in GLOF Risk Assessment 2018 , 46, 463-470		7

105	Spatio-temporal assessment and seasonal variation of tropospheric ozone in Pakistan during the last decade. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 8441-8454	5.1	3
104	Utilization of the internal transcribed spacer (ITS) DNA sequence to trace the geographical sources of <i>Aquilaria malaccensis</i> Lam. populations. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018 , 16, 103-111	1	4
103	Diversity and Characterization of Endophytic Fungi Isolated From the Tropical Mangrove Species, , and Identification of Potential Antagonists Against the Soil-Borne Fungus,. <i>Frontiers in Microbiology</i> , 2018 , 9, 1707	5.7	55
102	Metagenomic analysis of uncultured microorganisms and their enzymatic attributes. <i>Journal of Microbiological Methods</i> , 2018 , 155, 65-69	2.8	19
101	Global Perspectives on Underutilized Crops 2018 ,		8
100	An Alternative Potential Natural Genetic Resource: Sea Buckthorn [<i>Elaeagnus rhamnoides</i> (syn.: <i>Hippophae rhamnoides</i>)] 2018 , 25-82		11
99	Identification and future description of warming signatures over Pakistan with special emphasis on evolution of CO levels and temperature during the first decade of the twenty-first century. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 7617-7629	5.1	4
98	Biomass and bioenergy: An overview of the development potential in Turkey and Malaysia. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 79, 1285-1302	16.2	113
97	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
96	INFLUENCE OF FARMYARD MANURE ON RETENTION AND AVAILABILITY OF NICKEL, ZINC AND LEAD IN METAL-CONTAMINATED CALCAREOUS LOAM SOILS. <i>Journal of Environmental Engineering and Landscape Management</i> , 2017 , 25, 289-296	1.1	15
95	Municipal Solid Waste Generation and its Management, a Growing Threat to Fragile Ecosystem in Kashmir Himalaya. <i>American Journal of Environmental Sciences</i> , 2017 , 13, 388-397	0.5	6
94	Bioenergy Production from Bamboo: Potential Source from Malaysia's Perspective. <i>BioResources</i> , 2017 , 12,	1.3	12
93	Aluminum toxicity-induced alterations in the leaf proteome of rice contrasting response towards inoculation of plant growth-promoting bacteria. <i>Acta Physiologiae Plantarum</i> , 2017 , 39, 1	2.6	2
92	Plant Bioinformatics 2017 ,		2
91	Decoding the Plastid Genome 2017 , 279-302		
90	Application of Bioinformatics and System Biology in Medicinal Plant Studies 2017 , 375-393		2
89	Proteomic analysis of naturally occurring boron tolerant plant <i>Gypsophila sphaerocephala</i> L. in response to high boron concentration. <i>Journal of Plant Physiology</i> , 2017 , 216, 212-217	3.6	14
88	Investigating the nitrogen dioxide concentrations in the boundary layer by using multi-axis spectroscopic measurements and comparison with satellite observations. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 2827-2839	5.1	8

87	Cultivation. <i>SpringerBriefs in Plant Science</i> , 2017 , 127-132	0.3	
86	Liquorice. <i>SpringerBriefs in Plant Science</i> , 2017 ,	0.3	25
85	Pharmacological Activities and Phytochemical Constituents. <i>SpringerBriefs in Plant Science</i> , 2017 , 45-72	0.3	4
84	Global Perspectives and Future Approaches. <i>SpringerBriefs in Plant Science</i> , 2017 , 133-134	0.3	
83	Attenuation of Drought Stress in Brassica Seedlings with Exogenous Application of Ca and H ₂ O ₂ . <i>Plants</i> , 2017 , 6,	4.5	39
82	Integration of high seeding densities and criss cross row planting pattern suppresses weeds and increases grain yield of spring wheat. <i>Journal of Environmental Biology</i> , 2017 , 38, 1139-1145	1.6	3
81	Liquorice-Mycorrhiza Interactions. <i>SpringerBriefs in Plant Science</i> , 2017 , 31-40	0.3	1
80	Molecular Aspects. <i>SpringerBriefs in Plant Science</i> , 2017 , 41-43	0.3	
79	Ecophysiological Aspects. <i>SpringerBriefs in Plant Science</i> , 2017 , 23-30	0.3	
78	Economic Importance. <i>SpringerBriefs in Plant Science</i> , 2017 , 73-126	0.3	1
77	Concluding Remarks and Future Directions of Research. <i>SpringerBriefs in Plant Science</i> , 2017 , 135-138	0.3	
76	Nitrate and Nitrogen Oxides: Sources, Health Effects and Their Remediation. <i>Reviews of Environmental Contamination and Toxicology</i> , 2017 , 242, 183-217	3.5	18
75	Composition and diversity of plants in Sibuti mangrove forest, Sarawak, Malaysia. <i>Forest Science and Technology</i> , 2016 , 12, 70-76	1.5	12
74	Management of Acid Sulfate Soils for Sustainable Rice Cultivation in Malaysia 2016 , 91-104		5
73	<i>Azotobacter chroococcum</i> A Potential Biofertilizer in Agriculture: An Overview 2016 , 333-348		22
72	Plant Interactomics Under Salt and Drought Stress 2016 , 493-514		
71	Weathering and Approaches to Evaluation of Weathering Indices for Soil Profile Studies An Overview 2016 , 183-198		0
70	An Appraisal of Conservation Tillage on the Soil Physical Properties 2016 , 1-22		1

69	Plant, Soil and Microbes 2016 ,		4
68	Soil Microbe Diversity and Root Exudates as Important Aspects of Rhizosphere Ecosystem 2016 , 337-357		9
67	Biocomposites based on Argan nut shell and a polymer matrix: Effect of filler content and coupling agent. <i>Carbohydrate Polymers</i> , 2016 , 143, 70-83	10.3	70
66	Plant, Soil and Microbes 2016 ,		19
65	Proteomics of Bamboo, the Fast-Growing Grass 2016 , 327-349		
64	Effects of Pesticides on Environment 2016 , 253-269		149
63	Sustainable Crop Production System 2016 , 103-116		12
62	Biofertilizer Use for Sustainable Agricultural Production 2016 , 163-180		1
61	Molecular and ecological investigations on the wild populations of <i>Glycyrrhiza L. taxa</i> distributed in the East Mediterranean Area of Turkey. <i>Journal of Plant Research</i> , 2016 , 129, 1021-1032	2.6	23
60	Soil Science: Agricultural and Environmental Perspectives 2016 ,		7
59	Jasmonates counter plant stress: A Review. <i>Environmental and Experimental Botany</i> , 2015 , 115, 49-57	5.9	209
58	Contrasting Effects of Farmyard Manure (FYM) and Compost for Remediation of Metal Contaminated Soil. <i>International Journal of Phytoremediation</i> , 2015 , 17, 613-21	3.9	23
57	Potential of bioenergy production from industrial kenaf (<i>Hibiscus cannabinus L.</i>) based on Malaysian perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 42, 446-459	16.2	94
56	Improving the phytoextraction capacity of plants to scavenge metal(loid)-contaminated sites. <i>Environmental Reviews</i> , 2015 , 23, 44-65	4.5	54
55	Phytoremediation 2015 , 85-105		35
54	Phytoremediation of Metal-Contaminated Soils Using Organic Amendments 2015 , 503-523		6
53	Arsenic Toxicity in Plants and Possible Remediation 2015 , 433-501		24
52	Alleviating Effect of Calcium on Nickel Toxicity in Rice. <i>Clean - Soil, Air, Water</i> , 2015 , 43, 901-909	1.6	33

51	Climate Change Impacts on High-Altitude Ecosystems 2015 ,		16
50	Agricultural Biomass Based Potential Materials 2015 ,		17
49	Crop Production and Global Environmental Issues 2015 ,		14
48	Effect of Climate Change on Horticultural Crops 2015 , 211-239		5
47	Causes and Prevention of Cherry Cracking: A Review 2015 , 543-552		0
46	Plant Responses and Tolerance to High Temperature Stress: Role of Exogenous Phytoprotectants 2015 , 385-435		23
45	Plants, Pollutants and Remediation 2015 ,		16
44	Application of GIS for the identification and demarcation of selective heavy metal concentrations in the urban groundwater. <i>Journal of Chinese Geography</i> , 2015 , 25, 225-235	3-7	9
43	Bamboo Biomass: Various Studies and Potential Applications for Value-Added Products 2015 , 231-243		7
42	Sulfur Nutrition of Oil Palm for Enhancing Oil Yield in Tropics 2015 , 349-368		1
41	Genetic Modification of Crop Plants: Issues and Challenges 2015 , 369-384		
40	Sustaining Cocoa Production on Oxisols in Malaysia 2015 , 169-180		
39	Enhanced production of withaferin-A in shoot cultures of <i>Withania somnifera</i> (L) Dunal. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2014 , 23, 430-434	1.6	12
38	Comparison of Low-Molecular-Weight Organic Acids and Ethylenediaminetetraacetic Acid to Enhance Phytoextraction of Heavy Metals by Maize. <i>Communications in Soil Science and Plant Analysis</i> , 2014 , 45, 42-52	1.5	20
37	Cell Signaling During Drought and Salt Stress 2014 , 227-239		3
36	Heat Signaling and Stress Responses in Photosynthesis 2014 , 241-256		10
35	Mangrove Ecosystems of Asia 2014 ,		21
34	Plant signaling: Understanding the molecular crosstalk 2014 ,		8

33	Biomass and Bioenergy 2014 ,		11
32	Potassium starvation-induced oxidative stress and antioxidant defense responses in Brassica juncea. <i>Journal of Plant Interactions</i> , 2014 , 9, 1-9	3.8	46
31	Signaling in Response to Cold Stress 2014 , 193-226		6
30	Biomass and Bioenergy 2014 ,		10
29	Withanolides array of Withania ashwagandha sp. novo populations from India. <i>Industrial Crops and Products</i> , 2014 , 59, 9-13	5.9	5
28	Influence of Planting Density on the Fiber Morphology and Chemical Composition of a New Latex-timber Clone Tree of Rubberwood (Hevea brasiliensis Muell. Arg.). <i>BioResources</i> , 2014 , 9,	1.3	1
27	Cadmium toxicity induced alterations in the root proteome of green gram in contrasting response towards iron supplement. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 6343-55	6.3	24
26	High Ni Levels in Soil Can Modify Growth Performance and Mineral Status of Wheat Cultivars. <i>Clean - Soil, Air, Water</i> , 2014 , 42, 1263-1271	1.6	13
25	Nitrogen Regulation and Signalling in Plants 2014 , 117-131		1
24	Ecology of the Coastal Heath Forest flora - A case study from Terengganu, Malaysia. <i>Emirates Journal of Food and Agriculture</i> , 2014 , 26, 1114	1	2
23	Plant Signaling: Response to Reactive Oxygen Species 2014 , 1-38		4
22	Physiological studies and proteomic analysis for differentially expressed proteins and their possible role in the root of N-efficient rice (Oryza sativa L.). <i>Molecular Breeding</i> , 2013 , 32, 785-798	3.4	14
21	Crop Improvement 2013 ,		5
20	Effect of humidity on egg hatchability and reproductive biology of the bamboo borer (Dinoderus minutus Fabricius). <i>SpringerPlus</i> , 2013 , 2, 9		24
19	Unravelling Salt Stress in Plants Through Proteomics 2013 , 47-61		12
18	RAPD markers associated with salt tolerance in soybean genotypes under salt stress. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 170, 257-72	3.2	14
17	Variability in Fusarium species Causing Wilt Disease in Crops: A Transcriptomic Approach to Characterize Dialogue Between Host and Pathogen 2013 , 269-293		1
16	A Review on Quality Enhancement of Oil Palm Trunk Waste by Resin Impregnation: Future Materials. <i>BioResources</i> , 2013 , 8,	1.3	23

15	From Agronomy to Molecular Genetics and Proteomics in an Effort to Improve Nitrogen Use Efficiency in Crops 2013 , 345-362		
14	Role of Glutathione Reductase in Plant Abiotic Stress 2012 , 149-158		46
13	Physiological and Molecular Analysis of Applied Nitrogen in Rice Genotypes. <i>Rice Science</i> , 2012 , 19, 213-222	3.2	20
12	Relevance of proteomic investigations in plant abiotic stress physiology. <i>OMICS A Journal of Integrative Biology</i> , 2012 , 16, 621-35	3.8	43
11	Proteomic Markers for Oxidative Stress: New Tools for Reactive Oxygen Species and Photosynthesis Research 2012 , 181-196		4
10	Proteomic analysis for low and high nitrogen-responsive proteins in the leaves of rice genotypes grown at three nitrogen levels. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 168, 834-50	3.2	32
9	Genotypic variability among soybean genotypes under NaCl stress and proteome analysis of salt-tolerant genotype. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 168, 2309-29	3.2	43
8	Salt-induced changes in photosynthetic activity and oxidative defense system of three cultivars of mustard (<i>Brassica juncea</i> L.). <i>African Journal of Biotechnology</i> , 2012 , 11,	0.6	15
7	Anti-inflammatory and analgesic potential of a novel steroidal derivative from <i>Bryophyllum pinnatum</i> . <i>Phytotherapy</i> , 2012 , 83, 853-8	3.2	44
6	Variability of nitrogen uptake and assimilation among N-efficient and N-inefficient wheat (<i>Triticum aestivum</i> L.) genotypes. <i>Journal of Plant Interactions</i> , 2012 , 7, 367-375	3.8	8
5	Reactive Nitrogen Inflows and Nitrogen Use Efficiency in Agriculture: An Environment Perspective 2012 , 217-232		5
4	Nitrogen-efficient rice cultivars can reduce nitrate pollution. <i>Environmental Science and Pollution Research</i> , 2011 , 18, 1184-93	5.1	75
3	Forensic DNA profiling of tropical timber species in Peninsular Malaysia. <i>Forest Ecology and Management</i> , 2010 , 259, 1436-1446	3.9	31
2	Systematic study on Guttiferae Juss. of Peninsular Malaysia based on plastid sequences. <i>Tropics</i> , 2007 , 16, 141-150	0.9	2
1	Silicon Application Enhances the Photosynthetic Pigments and Phenolic/Flavonoid Content by Modulating the Phenylpropanoid Pathway in Common Buckwheat under Aluminium Stress. <i>Silicon</i> , 2011 , 1, 1-10	2.4	0