

Khalid Rehman Hakeem

List of Publications by Citations

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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	Jasmonates counter plant stress: A Review. <i>Environmental and Experimental Botany</i> , 2015 , 115, 49-57	5.9	209
229	Effects of Pesticides on Environment 2016 , 253-269		149
228	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
227	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
226	Potential of bioenergy production from industrial kenaf (<i>Hibiscus cannabinus</i> L.) based on Malaysian perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 42, 446-459	16.2	94
225	Nitrogen-efficient rice cultivars can reduce nitrate pollution. <i>Environmental Science and Pollution Research</i> , 2011 , 18, 1184-93	5.1	75
224	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
223	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
222	Rice Responses and Tolerance to High Temperature 2019 , 201-224		55
221	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
220	Improving the phytoextraction capacity of plants to scavenge metal(loid)-contaminated sites. <i>Environmental Reviews</i> , 2015 , 23, 44-65	4.5	54
219	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
218	Role of Glutathione Reductase in Plant Abiotic Stress 2012 , 149-158		46
217	Anti-inflammatory and analgesic potential of a novel steroidal derivative from Bryophyllum pinnatum. <i>Phytotherapy</i> 2012 , 83, 853-8	3.2	44
216	Relevance of proteomic investigations in plant abiotic stress physiology. <i>OMICS A Journal of Integrative Biology</i> , 2012 , 16, 621-35	3.8	43
215	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
214	Assisting Phytoremediation of Heavy Metals Using Chemical Amendments. <i>Plants</i> , 2019 , 8,	4.5	40

213	Attenuation of Drought Stress in Brassica Seedlings with Exogenous Application of Ca and H ₂ O ₂ Plants, 2017 , 6,	4.5	39
212	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
211	Phytoremediation 2015 , 85-105		35
210	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
209	Alleviating Effect of Calcium on Nickel Toxicity in Rice. <i>Clean - Soil, Air, Water</i> , 2015 , 43, 901-909	1.6	33
208	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
207	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
206	Forensic DNA profiling of tropical timber species in Peninsular Malaysia. <i>Forest Ecology and Management</i> , 2010 , 259, 1436-1446	3.9	31
205	Individual and combined application of EDTA and citric acid assisted phytoextraction of copper using jute (Corchorus capsularis L.) seedlings. <i>Environmental Technology and Innovation</i> , 2020 , 19, 100895	7	26
204	Liquorice. <i>SpringerBriefs in Plant Science</i> , 2017 ,	0.3	25
203	Arsenic Toxicity in Plants and Possible Remediation 2015 , 433-501		24
202	Effect of humidity on egg hatchability and reproductive biology of the bamboo borer (Dinoderus minutus Fabricius). <i>SpringerPlus</i> , 2013 , 2, 9		24
201	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
200	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
199	Plant Responses and Tolerance to High Temperature Stress: Role of Exogenous Phytoprotectants 2015 , 385-435		23
198	A Review on Quality Enhancement of Oil Palm Trunk Waste by Resin Impregnation: Future Materials. <i>BioResources</i> , 2013 , 8,	1.3	23
197	Uptake, translocation, and physiological effects of hematite (α-FeO) nanoparticles in barley (Hordeum vulgare L.). <i>Environmental Pollution</i> , 2020 , 266, 115391	9.3	23
196	Molecular and ecological investigations on the wild populations of Glycyrrhiza L. taxa distributed in the East Mediterranean Area of Turkey. <i>Journal of Plant Research</i> , 2016 , 129, 1021-1032	2.6	23

195	Azotobacter chroococcum A Potential Biofertilizer in Agriculture: An Overview 2016 , 333-348		22
194	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020 , 29, 1495-1514	6.1	21
193	Mangrove Ecosystems of Asia 2014 ,		21
192	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
191	Physiological and Molecular Analysis of Applied Nitrogen in Rice Genotypes. <i>Rice Science</i> , 2012 , 19, 213-222	3.2	20
190	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
189	Plant, Soil and Microbes 2016 ,		19
188	Metagenomic analysis of uncultured microorganisms and their enzymatic attributes. <i>Journal of Microbiological Methods</i> , 2018 , 155, 65-69	2.8	19
187	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
186	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
185	Impact of calcium and magnesium substituted strontium nano-hexaferrite on mineral uptake, magnetic character, and physiology of barley (<i>Hordeum vulgare</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2019 , 186, 109751	7	18
184	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
183	Agricultural Biomass Based Potential Materials 2015 ,		17
182	The Effect of Magnetized Water on the Growth and Physiological Conditions of <i>Moringa</i> Species under Drought Stress. <i>Polish Journal of Environmental Studies</i> , 2019 , 28, 1145-1155	2.3	17
181	Antioxidative defense mechanism against lead-induced phytotoxicity in <i>Fagopyrum kashmirianum</i> . <i>Chemosphere</i> , 2019 , 216, 595-604	8.4	17
180	Climate Change Impacts on High-Altitude Ecosystems 2015 ,		16
179	Plants, Pollutants and Remediation 2015 ,		16
178	Magnetized Water Confers Drought Stress Tolerance in <i>Moringa</i> 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

177	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
176	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
175	<i>Anethum graveolens</i> (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
174	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
173	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
172	Physiological studies and proteomic analysis for differentially expressed proteins and their possible role in the root of N-efficient rice (<i>Oryza sativa</i> L.). <i>Molecular Breeding</i> , 2013 , 32, 785-798	3.4	14
171	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
170	Crop Production and Global Environmental Issues 2015 ,		14
169	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
168	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
167	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
166	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
165	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
164	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
163	Composition and diversity of plants in Sibuti mangrove forest, Sarawak, Malaysia. <i>Forest Science and Technology</i> , 2016 , 12, 70-76	1.5	12
162	Bioenergy Production from Bamboo: Potential Source from Malaysia – Perspective. <i>BioResources</i> , 2017 , 12,	1.3	12
161	Chloroform fraction of <i>Foeniculum vulgare</i> 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
160	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

159	Unravelling Salt Stress in Plants Through Proteomics 2013 , 47-61		12
158	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
157	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
156	Sustainable Crop Production System 2016 , 103-116		12
155	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
154	Biomass and Bioenergy 2014 ,		11
153	An Alternative Potential Natural Genetic Resource: Sea Buckthorn [<i>Elaeagnus rhamnoides</i> (syn.: <i>Hippophae rhamnoides</i>)] 2018 , 25-82		11
152	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
151	<i>Moringa oleifera</i> 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
150	Tailoring cellular metabolism in lactic acid bacteria through metabolic engineering. <i>Journal of Microbiological Methods</i> , 2020 , 170, 105862	2.8	10
149	Heat Signaling and Stress Responses in Photosynthesis 2014 , 241-256		10
148	Biomass and Bioenergy 2014 ,		10
147	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
146	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
145	Soil Microbe Diversity and Root Exudates as Important Aspects of Rhizosphere Ecosystem 2016 , 337-357		9
144	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
143	Potential Adjuvant Therapeutic Effect of Probio-88 Postbiotics against SARS-COV-2. <i>Vaccines</i> , 2021 , 9,	5.3	9
142	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

141	Development of an efficient micropropagation system for <i>Tecoma stans</i> (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
140	Plant signaling: Understanding the molecular crosstalk 2014 ,		8
139	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
138	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
137	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
136	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
135	Cytotoxic allelochemicals induce ultrastructural modifications in <i>Cassia tora</i> L. and mitotic changes in <i>Allium cepa</i> L.: a weed versus weed allelopathy approach. <i>Protoplasma</i> , 2019 , 256, 857-871	3.4	8
134	Global Perspectives on Underutilized Crops 2018 ,		8
133	Vulnerability of municipal solid waste: An emerging threat to aquatic ecosystems. <i>Chemosphere</i> , 2022 , 287, 132223	8.4	8
132	Updated Inventory of Glacial Lakes in Teesta Basin Using Remote Sensing Data for Use in GLOF Risk Assessment 2018 , 46, 463-470		7
131	Bamboo Biomass: Various Studies and Potential Applications for Value-Added Products 2015 , 231-243		7
130	Soil Science: Agricultural and Environmental Perspectives 2016 ,		7
129	Anticancer Properties of Eugenol: A Review. <i>Molecules</i> , 2021 , 26,	4.8	7
128	Phytoremediation of Metal-Contaminated Soils Using Organic Amendments 2015 , 503-523		6
127	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
126	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
125	Signaling in Response to Cold Stress 2014 , 193-226		6
124	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

123	Salt Stress Threshold in Millets: Perspective on Cultivation on Marginal Lands for Biomass. <i>Phyton</i> , 2021 , 90, 51-64	2.1	6
122	Allelochemicals change macromolecular content of some selected weeds. <i>South African Journal of Botany</i> , 2020 , 130, 177-184	2.9	5
121	Management of Acid Sulfate Soils for Sustainable Rice Cultivation in Malaysia 2016 , 91-104		5
120	Withanolides array of <i>Withania ashwagandha</i> sp. novo populations from India. <i>Industrial Crops and Products</i> , 2014 , 59, 9-13	5.9	5
119	Crop Improvement 2013 ,		5
118	Effect of Climate Change on Horticultural Crops 2015 , 211-239		5
117	Reactive Nitrogen Inflows and Nitrogen Use Efficiency in Agriculture: An Environment Perspective 2012 , 217-232		5
116	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
115	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
114	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
113	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
112	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
111	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
110	Physico-rheological characterization of organically derived seed samples from <i>Alpinia nigra</i> (Gaertn.) B.L. Burtt, an ethnic medicinal plant of Northeast India. <i>Industrial Crops and Products</i> , 2020 , 152, 112560	5.9	4
109	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
108	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
107	Plant, Soil and Microbes 2016 ,		4
106	Pharmacological Activities and Phytochemical Constituents. <i>SpringerBriefs in Plant Science</i> , 2017 , 45-72	0.3	4

105	Proteomic Markers for Oxidative Stress: New Tools for Reactive Oxygen Species and Photosynthesis Research 2012 , 181-196		4
104	Salinity-induced antioxidant enzyme system in mungbean [<i>Vigna radiata</i> (L.) Wilczek] cv.) genotypes. <i>Pakistan Journal of Botany</i> , 2019 , 51,	2	4
103	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
102	Plant Signaling: Response to Reactive Oxygen Species 2014 , 1-38		4
101	Morpho-Physiological, Biochemical and Molecular Adaptation of Millets to Abiotic Stresses: A Review. <i>Phyton</i> , 2021 , 90, 1363-1385	2.1	4
100	Protective Role of Medicinal Herb <i>Anethum Graveolens</i> (Dill) Against Various Human Diseases and Metabolic Disorders 2019 , 181-194		3
99	Allelopathy. <i>SpringerBriefs in Agriculture</i> , 2020 ,	0.9	3
98	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
97	Cell Signaling During Drought and Salt Stress 2014 , 227-239		3
96	Mechanism of Action of Allelochemicals. <i>SpringerBriefs in Agriculture</i> , 2020 , 61-66	0.9	3
95	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
94	Production of antioxidant exopolysaccharide from <i>Pseudomonas aeruginosa</i> utilizing heavy oil as a solo carbon source. <i>Pharmacognosy Research (discontinued)</i> , 2019 , 11, 378	0.7	3
93	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
92	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
91	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
90	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
89	How to develop a comprehensive Mangrove Quality Index?. <i>MethodsX</i> , 2019 , 6, 1591-1599	1.9	2
88	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

87	Plant Bioinformatics 2017 ,		2
86	Application of Bioinformatics and System Biology in Medicinal Plant Studies 2017 , 375-393		2
85	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
84	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
83	Systematic study on Guttiferae Juss. of Peninsular Malaysia based on plastid sequences. <i>Tropics</i> , 2007 , 16, 141-150	0.9	2
82	Impact of Plant Invasions on Local Vegetation: An Indian Perspective. <i>Biosciences, Biotechnology Research Asia</i> , 2019 , 16, 763-771	0.5	2
81	Exogenous Application of Zinc to Mitigate the Salt Stress in (<i>L.</i>) Wilczek-Evaluation of Physiological and Biochemical Processes. <i>Plants</i> , 2021 , 10,	4.5	2
80	Comparative Study on Phytochemical Profile and Antioxidant Activity of an Epiphyte, <i>L.</i> (White Berry Mistletoe), Derived from Different Host Trees. <i>Plants</i> , 2021 , 10,	4.5	2
79	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
78	<i>Tamarix aphylla</i> (L.) Karst. Phytochemical and Bioactive Profile Compilations of Less Discussed but Effective Naturally Growing Saudi Plant 2019 , 343-352		2
77	Potential Uses of Bioactive Compounds of Medicinal Plants and Their Mode of Action in Several Human Diseases 2021 , 143-158		2
76	Mistletoe lectins: From interconnecting proteins to potential tumour inhibiting agents. <i>Phytomedicine Plus</i> , 2021 , 1, 100039		2
75	An Insight into the Role of Plant Growth Regulators in Stimulating Abiotic Stress Tolerance in Some Medicinally Important Plants 2021 , 75-100		2
74	Phytochemical and Pharmacological Approaches of Traditional Alternate <i>Cassia occidentalis</i> L. 2019 , 321-341		1
73	Ajwa Dates: A Highly Nutritive Fruit with the Impending Therapeutic Application 2019 , 209-230		1
72	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
71	An Appraisal of Conservation Tillage on the Soil Physical Properties 2016 , 1-22		1
70	Influence of Planting Density on the Fiber Morphology and Chemical Composition of a New Latex-timber Clone Tree of Rubberwood (<i>Hevea brasiliensis</i> Muell. Arg.). <i>BioResources</i> , 2014 , 9,	1.3	1

69	Nitrogen Regulation and Signalling in Plants 2014 , 117-131		1
68	Variability in Fusarium species Causing Wilt Disease in Crops: A Transcriptomic Approach to Characterize Dialogue Between Host and Pathogen 2013 , 269-293		1
67	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
66	A Molecular Assessment of Red Algae with Reference to the Utility of DNA Barcoding 2020 , 103-118		1
65	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
64	miRNAomic Approach to Plant Nitrogen Starvation. <i>International Journal of Genomics</i> , 2021 , 2021, 8560323		1
63	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
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