

# Khalid Rehman Hakeem

## List of Publications by Year in descending order

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244  
papers

5,168  
citations

117625

34  
h-index

168389

53  
g-index

273  
all docs

273  
docs citations

273  
times ranked

6462  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Pesticides on Environment. , 2016, , 253-269.		294
2	Jasmonates counter plant stress: A Review. Environmental and Experimental Botany, 2015, 115, 49-57.	4.2	265
3	Biomass and bioenergy: An overview of the development potential in Turkey and Malaysia. Renewable and Sustainable Energy Reviews, 2017, 79, 1285-1302.	16.4	168
4	Phylogenetic classification of the world's tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1837-1842.	7.1	144
5	Potential of bioenergy production from industrial kenaf ( <i>Hibiscus cannabinus</i> L.) based on Malaysian perspective. Renewable and Sustainable Energy Reviews, 2015, 42, 446-459.	16.4	125
6	An updated knowledge of Black seed ( <i>Nigella sativa</i> Linn.): Review of phytochemical constituents and pharmacological properties. Journal of Herbal Medicine, 2021, 25, 100404.	2.0	106
7	Diversity and Characterization of Endophytic Fungi Isolated From the Tropical Mangrove Species, <i>Rhizophora mucronata</i> , and Identification of Potential Antagonists Against the Soil-Borne Fungus, <i>Fusarium solani</i> . Frontiers in Microbiology, 2018, 9, 1707.	3.5	104
8	Nitrogen-efficient rice cultivars can reduce nitrate pollution. Environmental Science and Pollution Research, 2011, 18, 1184-1193.	5.3	99
9	Biocomposites based on Argan nut shell and a polymer matrix: Effect of filler content and coupling agent. Carbohydrate Polymers, 2016, 143, 70-83.	10.2	98
10	The potential exposure and hazards of metal-based nanoparticles on plants and environment, with special emphasis on ZnO NPs, TiO <sub>2</sub> NPs, and AgNPs: A review. Environmental Advances, 2021, 6, 100128.	4.8	81
11	Rice Responses and Tolerance to High Temperature. , 2019, , 201-224.		77
12	Assisting Phytoremediation of Heavy Metals Using Chemical Amendments. Plants, 2019, 8, 295.	3.5	71
13	Role of Glutathione Reductase in Plant Abiotic Stress. , 2012, , 149-158.		69
14	Optimizing the phosphorus use in cotton by using CSM-CROPGRO-cotton model for semi-arid climate of Vehari-Punjab, Pakistan. Environmental Science and Pollution Research, 2017, 24, 5811-5823.	5.3	67
15	Exogenous Nitric Oxide Mitigates Nickel-Induced Oxidative Damage in Eggplant by Upregulating Antioxidants, Osmolyte Metabolism, and Glyoxalase Systems. Plants, 2019, 8, 562.	3.5	67
16	Potassium starvation-induced oxidative stress and antioxidant defense responses in <i>Brassica juncea</i> . Journal of Plant Interactions, 2014, 9, 1-9.	2.1	65
17	Improving the phytoextraction capacity of plants to scavenge metal(loid)-contaminated sites. Environmental Reviews, 2015, 23, 44-65.	4.5	65
18	The global abundance of tree palms. Global Ecology and Biogeography, 2020, 29, 1495-1514.	5.8	62

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19	Anti-inflammatory and analgesic potential of a novel steroidal derivative from <i>Bryophyllum pinnatum</i> . <i>FĀ-toterapĀ-Āç</i> , 2012, 83, 853-858.	2.2	61
20	Attenuation of Drought Stress in Brassica Seedlings with Exogenous Application of Ca <sup>2+</sup> and H <sub>2</sub> O <sub>2</sub> . <i>Plants</i> , 2017, 6, 20.	3.5	57
21	Induction of apoptosis and cell cycle arrest by ethyl acetate fraction of <i>Phoenix dactylifera</i> L. (Ajwa) Tj ETQq1 1 0.784314 rgBT /Overlo 4.1 54	4.1	54
22	Anticancer Properties of Eugenol: A Review. <i>Molecules</i> , 2021, 26, 7407.	3.8	52
23	Relevance of Proteomic Investigations in Plant Abiotic Stress Physiology. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 621-635.	2.0	50
24	Alleviating Effect of Calcium on Nickel Toxicity in Rice. <i>Clean - Soil, Air, Water</i> , 2015, 43, 901-909.	1.1	50
25	Genotypic Variability Among Soybean Genotypes Under NaCl Stress and Proteome Analysis of Salt-Tolerant Genotype. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 2309-2329.	2.9	45
26	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, 100895.	6.1	44
27	A Review on Quality Enhancement of Oil Palm Trunk Waste by Resin Impregnation: Future Materials. <i>BioResources</i> , 2013, 8, .	1.0	43
28	Aluminium stress modulates the osmolytes and enzyme defense system in <i>Fagopyrum</i> species. <i>Plant Physiology and Biochemistry</i> , 2019, 144, 178-186.	5.8	43
29	Uptake, translocation, and physiological effects of hematite (Ā±-Fe <sub>2</sub> O <sub>3</sub> ) nanoparticles in barley ( <i>Hordeum vulgare</i> L.). <i>Environmental Pollution</i> , 2020, 266, 115391.	7.5	43
30	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	42
31	Phytoremediation. , 2015, , 85-105.		42
32	Development of a comprehensive mangrove quality index (MQI) in Matang Mangrove: Assessing mangrove ecosystem health. <i>Ecological Indicators</i> , 2019, 102, 103-117.	6.3	42
33	Ā€Aminobutyric acid (<sc>GABA</sc>) mitigates drought and heat stress in sunflower (<sc><i>Helianthus annuus</i></sc> L.) by regulating its physiological, biochemical and molecular pathways. <i>Physiologia Plantarum</i> , 2021, 172, 505-527.	5.2	42
34	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, 465.	4.0	41
35	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, 1-16.	1.6	39
36	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, 834-850.	2.9	38

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37	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.	8.2	38
38	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	38
39	Forensic DNA profiling of tropical timber species in Peninsular Malaysia. <i>Forest Ecology and Management</i> , 2010, 259, 1436-1446.	3.2	37
40	Facile Bio-Fabrication of Ag-Cu-Co Trimetallic Nanoparticles and Its Fungicidal Activity against <i>Candida auris</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 62.	3.5	37
41	Molecular and ecological investigations on the wild populations of <i>Glycyrrhiza</i> L. taxa distributed in the East Mediterranean Area of Turkey. <i>Journal of Plant Research</i> , 2016, 129, 1021-1032.	2.4	36
42	<i>Plant, Soil and Microbes.</i> , 2016, , .		35
43	Effect of humidity on egg hatchability and reproductive biology of the bamboo borer ( <i>Dinoderus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 34		34
44	Liquorice. <i>SpringerBriefs in Plant Science</i> , 2017, , .	0.3	34
45	<i>Mangrove Ecosystems of Asia.</i> , 2014, , .		33
46	Plant Responses and Tolerance to High Temperature Stress: Role of Exogenous Phytoprotectants. , 2015, , 385-435.		33
47	<i>Agricultural Biomass Based Potential Materials.</i> , 2015, , .		32
48	<i>Crop Production and Global Environmental Issues.</i> , 2015, , .		32
49	<i>Azotobacter chroococcum</i> " A Potential Biofertilizer in Agriculture: An Overview. , 2016, , 333-348.		32
50	Synergistic effect of plant extract coupled silver nanoparticles in various therapeutic applications-present insights and bottlenecks. <i>Chemosphere</i> , 2022, 288, 132527.	8.2	32
51	Contrasting Effects of Farmyard Manure (FYM) and Compost for Remediation of Metal Contaminated Soil. <i>International Journal of Phytoremediation</i> , 2015, 17, 613-621.	3.1	31
52	Arsenic Toxicity in Plants and Possible Remediation. , 2015, , 433-501.		31
53	Nitrate and Nitrogen Oxides: Sources, Health Effects and Their Remediation. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 242, 183-217.	1.3	31
54	Lead toxicity alters the antioxidant defense machinery and modulate the biomarkers in Tartary buckwheat plants. <i>International Biodeterioration and Biodegradation</i> , 2020, 151, 104992.	3.9	31

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55	Morpho-Physiological, Biochemical and Molecular Adaptation of Millets to Abiotic Stresses: A Review. <i>Phyton</i> , 2021, 90, 1363-1385.	0.7	31
56	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, 6343-6355.	4.1	30
57	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.	6.0	30
58	Plants, Pollutants and Remediation. , 2015, , .		29
59	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.	1.5	29
60	Potential Adjuvant Therapeutic Effect of <i>Lactobacillus plantarum</i> Probio-88 Postbiotics against SARS-COV-2. <i>Vaccines</i> , 2021, 9, 1067.	4.4	29
61	<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.	4.1	28
62	Metagenomic analysis of uncultured microorganisms and their enzymatic attributes. <i>Journal of Microbiological Methods</i> , 2018, 155, 65-69.	1.6	28
63	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> , 2021, 40, 2148-2163.	5.1	28
64	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.	3.4	27
65	Vulnerability of municipal solid waste: An emerging threat to aquatic ecosystems. <i>Chemosphere</i> , 2022, 287, 132223.	8.2	26
66	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.	1.2	26
67	Antioxidative defense mechanism against lead-induced phytotoxicity in <i>Fagopyrum kashmirianum</i> . <i>Chemosphere</i> , 2019, 216, 595-604.	8.2	25
68	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.	2.9	24
69	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.	1.2	24
70	Physiological and Molecular Analysis of Applied Nitrogen in Rice Genotypes. <i>Rice Science</i> , 2012, 19, 213-222.	3.9	23
71	Climate Change Impacts on High-Altitude Ecosystems. , 2015, , .		23
72	Exogenous Application of Zinc to Mitigate the Salt Stress in <i>Vigna radiata</i> (L.) Wilczek – Evaluation of Physiological and Biochemical Processes. <i>Plants</i> , 2021, 10, 1005.	3.5	23

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73	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, 1121.	2.8	23
74	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.	1.4	22
75	<i>Moringa oleifera</i> methanolic leaves extract induces apoptosis and G0/G1 cell cycle arrest via downregulation of Hedgehog Signaling Pathway in human prostate PCa cancer cells. <i>Journal of Food Biochemistry</i> , 2020, 44, e13338.	2.9	22
76	Sustainable Crop Production System. , 2016, , 103-116.		21
77	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.	2.1	21
78	Biomass and Bioenergy. , 2014, , .		20
79	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.	1.0	20
80	Bioenergy Production from Bamboo: Potential Source from Malaysia's Perspective. <i>BioResources</i> , 2017, 12, 6844-6867.	1.0	20
81	Biomass and Bioenergy. , 2014, , .		19
82	Composition and diversity of plants in Sibuti mangrove forest, Sarawak, Malaysia. <i>Forest Science and Technology</i> , 2016, 12, 70-76.	0.8	19
83	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.	7.8	19
84	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.	2.1	19
85	Tailoring cellular metabolism in lactic acid bacteria through metabolic engineering. <i>Journal of Microbiological Methods</i> , 2020, 170, 105862.	1.6	19
86	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, 9670.	2.6	19
87	Identification of physiological and biochemical markers for salt (NaCl) stress in the seedlings of mungbean [ <i>Vigna radiata</i> (L.) Wilczek] genotypes. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1053-1060.	3.8	18
88	Amelioration of salinity induced damage in plants by selenium application: A review. <i>South African Journal of Botany</i> , 2022, 147, 98-105.	2.5	18
89	RAPD Markers Associated with Salt Tolerance in Soybean Genotypes Under Salt Stress. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 257-272.	2.9	17
90	Global Perspectives on Underutilized Crops. , 2018, , .		17

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91	An Alternative Potential Natural Genetic Resource: Sea Buckthorn [ <i>Elaeagnus rhamnoides</i> (syn.) Tj ETQq1 1 0.784314 rgBT /Qyerlock		17
92	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.	2.1	17
93	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.	3.3	17
94	Biochar promotes arsenic (As) immobilization in contaminated soils and alleviates the As-toxicity in soybean ( <i>Glycine max</i> (L.) Merr.). <i>Chemosphere</i> , 2022, 292, 133407.	8.2	17
95	Arsenic Exposure through Dietary Intake and Associated Health Hazards in the Middle East. <i>Nutrients</i> , 2022, 14, 2136.	4.1	17
96	Lead and aluminium-induced oxidative stress and alteration in the activities of antioxidant enzymes in chicory plants. <i>Scientia Horticulturae</i> , 2021, 278, 109847.	3.6	16
97	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.	2.1	15
98	Crop Improvement. , 2013, , .		15
99	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.	3.5	15
100	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.	1.1	14
101	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.	4.1	14
102	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.	3.6	14
103	Maize Grain Extract Enriched with Polyamines Alleviates Drought Stress in <i>Triticum aestivum</i> through Up-Regulation of the Ascorbateâ€“Glutathione Cycle, Glyoxalase System, and Polyamine Gene Expression. <i>Agronomy</i> , 2021, 11, 949.	3.0	14
104	Chitin, Chitinases and Chitin Derivatives in Biopharmaceutical, Agricultural and Environmental Perspective. <i>Biointerface Research in Applied Chemistry</i> , 2020, 11, 9985-10005.	1.0	14
105	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.	1.7	13
106	Salt Stress Threshold in Millets: Perspective on Cultivation on Marginal Lands for Biomass. <i>Phyton</i> , 2021, 90, 51-64.	0.7	13
107	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.	5.8	13
108	Unravelling Salt Stress in Plants Through Proteomics. , 2013, , 47-61.		12

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109	Heat Signaling and Stress Responses in Photosynthesis. , 2014, , 241-256.		12
110	Soil Microbe Diversity and Root Exudates as Important Aspects of Rhizosphere Ecosystem. , 2016, , 337-357.		12
111	Bamboo Biomass: Various Studies and Potential Applications for Value-Added Products. , 2015, , 231-243.		12
112	Variability of nitrogen uptake and assimilation among N-efficient and N-inefficient wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	11
113	Investigating the nitrogen dioxide concentrations in the boundary layer by using multi-axis spectroscopic measurements and comparison with satellite observations. Environmental Science and Pollution Research, 2017, 24, 2827-2839.	5.3	11
114	Utilization of the internal transcribed spacer (ITS) DNA sequence to trace the geographical sources of <i>Aquilaria malaccensis</i> Lam. populations. Plant Genetic Resources: Characterisation and Utilisation, 2018, 16, 103-111.	0.8	11
115	<i>Detarium microcarpum</i> , <i>Guiera senegalensis</i> , and <i>Cassia siamea</i> Induce Apoptosis and Cell Cycle Arrest and Inhibit Metastasis on MCF7 Breast Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-12.	1.2	11
116	Molecular cloning, expression, overproduction and characterization of human TRAIP Leucine zipper protein. Saudi Journal of Biological Sciences, 2020, 27, 1562-1565.	3.8	11
117	Allelopathy. SpringerBriefs in Agriculture, 2020, , .	0.9	11
118	Comparative Study on Phytochemical Profile and Antioxidant Activity of an Epiphyte, <i>Viscum album</i> L. (White Berry Mistletoe), Derived from Different Host Trees. Plants, 2021, 10, 1191.	3.5	11
119	Mistletoe lectins: From interconnecting proteins to potential tumour inhibiting agents. Phytomedicine Plus, 2021, 1, 100039.	2.0	11
120	Silicon Application Enhances the Photosynthetic Pigments and Phenolic/Flavonoid Content by Modulating the Phenylpropanoid Pathway in Common Buckwheat under Aluminium Stress. Silicon, 2022, 14, 323-334.	3.3	11
121	Application of GIS for the identification and demarcation of selective heavy metal concentrations in the urban groundwater. Journal of Chinese Geography, 2015, 25, 225-235.	3.9	10
122	The Assessment of Morphological Diversity of <i>Colchicum luteum</i> L., an Economically Important Threatened Medicinal Plant of Kashmir Himalaya. Sustainability, 2022, 14, 1327.	3.2	10
123	Lornoxicam-Loaded Chitosan-Decorated Nanoemulsion: Preparation and In Vitro Evaluation for Enhanced Transdermal Delivery. Polymers, 2022, 14, 1922.	4.5	10
124	Exogenous selenium treatment alleviates salinity stress in Proso Millet ( <i>Panicum miliaceum</i> L.) by enhancing the antioxidant defence system and regulation of ionic channels. Plant Growth Regulation, 2023, 100, 479-494.	3.4	10
125	Role of Epigenetics in Modulating Phenotypic Plasticity against Abiotic Stresses in Plants. International Journal of Genomics, 2022, 2022, 1-13.	1.6	10
126	Signaling in Response to Cold Stress. , 2014, , 193-226.		9



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127	Updated Inventory of Glacial Lakes in Teesta Basin Using Remote Sensing Data for Use in GLOF Risk Assessment. <i>Journal of the Indian Society of Remote Sensing</i> , 2018, 46, 463-470.	2.4	9
128	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.	1.6	9
129	Changes in Growth, Photosynthetic Pigments, Cell Viability, Lipid Peroxidation and Antioxidant Defense System in Two Varieties of Chickpea ( <i>Cicer arietinum</i> L.) Subjected to Salinity Stress. <i>Phyton</i> , 2022, 91, 149-168.	0.7	9
130	Enhancing Salt Tolerance in Soybean by Exogenous Boron: Intrinsic Study of the Ascorbate-Glutathione and Glyoxalase Pathways. <i>Plants</i> , 2021, 10, 2085.	3.5	9
131	Phytoremediation of Metal-Contaminated Soils Using Organic Amendments. , 2015, , 503-523.		8
132	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.	3.2	8
133	Anticancer Activity of <i>Cordia dichotoma</i> against a Panel of Human Cancer Cell Lines and Their Phytochemical Profiling via HPLC and GCMS. <i>Molecules</i> , 2022, 27, 2185.	3.8	8
134	Effect of Climate Change on Horticultural Crops. , 2015, , 211-239.		7
135	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	7
136	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.	5.3	7
137	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.	1.1	7
138	Computer-aided Evaluation of Anti-SARS-CoV-2 (3-chymotrypsin-like Protease and Transmembrane) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Applied Chemistry, 2021, 12, 768-780.	1.0	7
139	Unravelling the molecular mechanism of mutagenic factors impacting human health. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61993-62013.	5.3	7
140	An Insight into the Role of Plant Growth Regulators in Stimulating Abiotic Stress Tolerance in Some Medicinally Important Plants. , 2021, , 75-100.		7
141	Elucidating Genetic Diversity in Apricot ( <i>Prunus armeniaca</i> L.) Cultivated in the North-Western Himalayan Provinces of India Using SSR Markers. <i>Plants</i> , 2021, 10, 2668.	3.5	7
142	Melatonin Rescues Photosynthesis and Triggers Antioxidant Defense Response in <i>Cucumis sativus</i> Plants Challenged by Low Temperature and High Humidity. <i>Frontiers in Plant Science</i> , 2022, 13, 855900.	3.6	7
143	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.	3.0	7
144	Reactive Nitrogen Inflows and Nitrogen Use Efficiency in Agriculture: An Environment Perspective. , 2012, , 217-232.		6

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145	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, .	1.0	6
146	Management of Acid Sulfate Soils for Sustainable Rice Cultivation in Malaysia. , 2016, , 91-104.		6
147	Identification and future description of warming signatures over Pakistan with special emphasis on evolution of CO2 levels and temperature during the first decade of the twenty-first century. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7617-7629.	5.3	6
148	Application of Bioinformatics and System Biology in Medicinal Plant Studies. , 2017, , 375-393.		6
149	<i>Tamarix aphylla</i> (L.) Karst. Phytochemical and Bioactive Profile Compilations of Less Discussed but Effective Naturally Growing Saudi Plant. , 2019, , 343-352.		6
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