

# Abeer Hashem

## List of Publications by Year in descending order

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Version: 2024-02-01

198  
papers

10,280  
citations

44069

48  
h-index

43889

91  
g-index

208  
all docs

208  
docs citations

208  
times ranked

8971  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microalgae metabolites: A rich source for food and medicine. Saudi Journal of Biological Sciences, 2019, 26, 709-722.	3.8	470
2	Abiotic Stress and Reactive Oxygen Species: Generation, Signaling, and Defense Mechanisms. Antioxidants, 2021, 10, 277.	5.1	449
3	Phytohormones and Beneficial Microbes: Essential Components for Plants to Balance Stress and Fitness. Frontiers in Microbiology, 2017, 8, 2104.	3.5	448
4	Nitric Oxide Mitigates Salt Stress by Regulating Levels of Osmolytes and Antioxidant Enzymes in Chickpea. Frontiers in Plant Science, 2016, 7, 347.	3.6	446
5	Bacillus subtilis: A plant-growth promoting rhizobacterium that also impacts biotic stress. Saudi Journal of Biological Sciences, 2019, 26, 1291-1297.	3.8	442
6	Bacillus: A Biological Tool for Crop Improvement through Bio-Molecular Changes in Adverse Environments. Frontiers in Physiology, 2017, 8, 667.	2.8	423
7	Role of Trichoderma harzianum in mitigating NaCl stress in Indian mustard (Brassica juncea L) through antioxidative defense system. Frontiers in Plant Science, 2015, 6, 868.	3.6	302
8	The Interaction between Arbuscular Mycorrhizal Fungi and Endophytic Bacteria Enhances Plant Growth of Acacia gerrardii under Salt Stress. Frontiers in Microbiology, 2016, 7, 1089.	3.5	229
9	Endophytic Bacteria Improve Plant Growth, Symbiotic Performance of Chickpea (Cicer arietinum L.) and Induce Suppression of Root Rot Caused by Fusarium solani under Salt Stress. Frontiers in Microbiology, 2017, 8, 1887.	3.5	227
10	Understanding and Designing the Strategies for the Microbe-Mediated Remediation of Environmental Contaminants Using Omics Approaches. Frontiers in Microbiology, 2018, 9, 1132.	3.5	213
11	Exploring the Human Microbiome: The Potential Future Role of Next-Generation Sequencing in Disease Diagnosis and Treatment. Frontiers in Immunology, 2018, 9, 2868.	4.8	207
12	Arbuscular mycorrhizal fungi regulate the oxidative system, hormones and ionic equilibrium to trigger salt stress tolerance in Cucumis sativus L.. Saudi Journal of Biological Sciences, 2018, 25, 1102-1114.	3.8	201
13	Calcium and Potassium Supplementation Enhanced Growth, Osmolyte Secondary Metabolite Production, and Enzymatic Antioxidant Machinery in Cadmium-Exposed Chickpea (Cicer arietinum L.). Frontiers in Plant Science, 2016, 7, 513.	3.6	190
14	Arbuscular mycorrhizal symbiosis and abiotic stress in plants: A review. Journal of Plant Biology, 2016, 59, 407-426.	2.1	188
15	Endophytic Fungi—Alternative Sources of Cytotoxic Compounds: A Review. Frontiers in Pharmacology, 2018, 9, 309.	3.5	185
16	Endophytic bacterium <i>Bacillus subtilis</i> (BERA 71) improves salt tolerance in chickpea plants by regulating the plant defense mechanisms. Journal of Plant Interactions, 2018, 13, 37-44.	2.1	164
17	Arbuscular mycorrhizal fungi and biochar improves drought tolerance in chickpea. Saudi Journal of Biological Sciences, 2019, 26, 614-624.	3.8	140
18	Anti-biofilm and Antibacterial Activities of Silver Nanoparticles Synthesized by the Reducing Activity of Phytoconstituents Present in the Indian Medicinal Plants. Frontiers in Microbiology, 2020, 11, 1143.	3.5	139

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19	Alleviation of cadmium stress in <i>Solanum lycopersicum</i> L. by arbuscular mycorrhizal fungi via induction of acquired systemic tolerance. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 272-281.	3.8	133
20	Exogenous Application of Selenium Mitigates Cadmium Toxicity in <i>Brassica juncea</i> L. (Czern & Czigler) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Regulation, 2016, 35, 936-950.	5.1	130
21	Alleviation of salt-induced adverse impact via mycorrhizal fungi in <i>Ephedra aphylla</i> Forssk. <i>Journal of Plant Interactions</i> , 2014, 9, 802-810.	2.1	123
22	Increased resistance of drought by <i>Trichoderma harzianum</i> fungal treatment correlates with increased secondary metabolites and proline content. <i>Journal of Integrative Agriculture</i> , 2017, 16, 1751-1757.	3.5	119
23	Arbuscular mycorrhizal fungi enhances salinity tolerance of <i>Panicum turgidum</i> Forssk by altering photosynthetic and antioxidant pathways. <i>Journal of Plant Interactions</i> , 2015, 10, 230-242.	2.1	117
24	Enhancing growth performance and systemic acquired resistance of medicinal plant <i>Sesbania sesban</i> (L.) Merr using arbuscular mycorrhizal fungi under salt stress. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 274-283.	3.8	110
25	<i>Pseudomonas</i> induces salinity tolerance in cotton ( <i>Gossypium hirsutum</i> ) and resistance to <i>Fusarium</i> root rot through the modulation of indole-3-acetic acid. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 773-779.	3.8	109
26	Plant Defense Responses to Biotic Stress and Its Interplay With Fluctuating Dark/Light Conditions. <i>Frontiers in Plant Science</i> , 2021, 12, 631810.	3.6	109
27	Silver Nanoparticles Synthesized Using Wild Mushroom Show Potential Antimicrobial Activities against Food Borne Pathogens. <i>Molecules</i> , 2018, 23, 655.	3.8	102
28	Impact of soil salinity on the plant-growth promoting and biological control abilities of root associated bacteria. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1601-1608.	3.8	98
29	Nanoparticle-based amelioration of drought stress and cadmium toxicity in rice via triggering the stress responsive genetic mechanisms and nutrient acquisition. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111829.	6.0	98
30	Groundwater contamination with cadmium concentrations in some West U.P. Regions, India. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1365-1368.	3.8	94
31	Induction of Osmoregulation and Modulation of Salt Stress in <i>Acacia gerrardii</i> Benth. by Arbuscular Mycorrhizal Fungi and <i>Bacillus subtilis</i> (BERA 71). <i>BioMed Research International</i> , 2016, 2016, 1-11.	1.9	84
32	Plant growth promoting rhizobacteria induced Cd tolerance in <i>Lycopersicon esculentum</i> through altered antioxidative defense expression. <i>Chemosphere</i> , 2019, 217, 463-474.	8.2	81
33	Arbuscular mycorrhizal fungi modulates dynamics tolerance expression to mitigate drought stress in <i>Ephedra foliata</i> Boiss. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 380-394.	3.8	80
34	Bioremediation of adverse impact of cadmium toxicity on <i>Cassia italica</i> Mill by arbuscular mycorrhizal fungi. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 39-47.	3.8	79
35	Growing more with less: Breeding and developing drought resilient soybean to improve food security. <i>Ecological Indicators</i> , 2019, 105, 425-437.	6.3	79
36	Early Events in Plant Abiotic Stress Signaling: Interplay Between Calcium, Reactive Oxygen Species and Phytohormones. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 1033-1049.	5.1	78

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37	Alleviation of abiotic salt stress in <i>Ochradenus baccatus</i> (Del.) by <i>Trichoderma hamatum</i> (Bonord.) Bainier. <i>Journal of Plant Interactions</i> , 2014, 9, 857-868.	2.1	72
38	Molecular Players of EF-hand Containing Calcium Signaling Event in Plants. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1476.	4.1	69
39	Bioprospection of actinobacteria derived from freshwater sediments for their potential to produce antimicrobial compounds. <i>Microbial Cell Factories</i> , 2018, 17, 68.	4.0	67
40	Acetic acid: a cost-effective agent for mitigation of seawater-induced salt toxicity in mung bean. <i>Scientific Reports</i> , 2019, 9, 15186.	3.3	67
41	Effect of salinity on moisture content, pigment system, and lipid composition in <i>Ephedra alata</i> Decne. <i>Acta Biologica Hungarica</i> , 2014, 65, 61-71.	0.7	66
42	Genomics, molecular and evolutionary perspective of NAC transcription factors. <i>PLoS ONE</i> , 2020, 15, e0231425.	2.5	65
43	Bacterial Root Endophytes: Characterization of Their Competence and Plant Growth Promotion in Soybean ( <i>Glycine max</i> (L.) Merr.) under Drought Stress. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 931.	2.6	65
44	Genome Editing Tools in Plants. <i>Genes</i> , 2017, 8, 399.	2.4	63
45	The molecular mass and isoelectric point of plant proteomes. <i>BMC Genomics</i> , 2019, 20, 631.	2.8	62
46	Salinity Stress and Arbuscular Mycorrhizal Symbiosis in Plants. , 2014, , 139-159.		60
47	Low-cost biochar adsorbents prepared from date and delonix regia seeds for heavy metal sorption. <i>Bioresource Technology</i> , 2021, 339, 125606.	9.6	60
48	Biofabrication of Zinc Oxide Nanoparticles With <i>Syzygium aromaticum</i> Flower Buds Extract and Finding Its Novel Application in Controlling the Growth and Mycotoxins of <i>Fusarium graminearum</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1244.	3.5	58
49	Current Developments and Challenges in Plant Viral Diagnostics: A Systematic Review. <i>Viruses</i> , 2021, 13, 412.	3.3	57
50	Comparing symbiotic performance and physiological responses of two soybean cultivars to arbuscular mycorrhizal fungi under salt stress. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 38-48.	3.8	53
51	Arbuscular Mycorrhiza in Crop Improvement under Environmental Stress. , 2014, , 69-95.		52
52	Morphological assessment of water stressed sugarcane: A comparison of waterlogged and drought affected crop. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1228-1236.	3.8	52
53	Copper Uptake and Accumulation, Ultra-Structural Alteration, and Bast Fibre Yield and Quality of Fibrous Jute ( <i>Corchorus capsularis</i> L.) Plants Grown under Two Different Soils of China. <i>Plants</i> , 2020, 9, 404.	3.5	52
54	Mitigation of NaCl Stress by Arbuscular Mycorrhizal Fungi through the Modulation of Osmolytes, Antioxidants and Secondary Metabolites in Mustard ( <i>Brassica juncea</i> L.) Plants. <i>Frontiers in Plant Science</i> , 2016, 7, 869.	3.6	50

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55	Pesticide degrading natural multidrug resistance bacterial flora. <i>Microbial Pathogenesis</i> , 2018, 114, 304-310.	2.9	50
56	Systems biology approach in plant abiotic stresses. <i>Plant Physiology and Biochemistry</i> , 2017, 121, 58-73.	5.8	48
57	Silicon Alleviates Nickel-Induced Oxidative Stress by Regulating Antioxidant Defense and Glyoxalase Systems in Mustard Plants. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 1260-1273.	5.1	48
58	Biohydrogen production using kitchen waste as the potential substrate: A sustainable approach. <i>Chemosphere</i> , 2021, 271, 129537.	8.2	48
59	Gene Loss and Evolution of the Plastome. <i>Genes</i> , 2020, 11, 1133.	2.4	48
60	Impact of Plant Growth Promoting Rhizobacteria in the Orchestration of <i>Lycopersicon esculentum</i> Mill. Resistance to Plant Parasitic Nematodes: A Metabolomic Approach to Evaluate Defense Responses Under Field Conditions. <i>Biomolecules</i> , 2019, 9, 676.	4.0	47
61	Weed species composition and distribution pattern in the maize crop under the influence of edaphic factors and farming practices: A case study from Mardan, Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 741-748.	3.8	44
62	Plant defense approach of <i>Bacillus subtilis</i> (BERA 71) against <i>Macrophomina phaseolina</i> (Tassi) Goid in mung bean. <i>Journal of Plant Interactions</i> , 2017, 12, 390-401.	2.1	44
63	Enhancement of disease resistance, growth potential, and photosynthesis in tomato ( <i>Solanum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock strain BPSAC147. <i>PLoS ONE</i> , 2019, 14, e0219014.	2.5	44
64	GABA shunt: a key-player in mitigation of ROS during stress. <i>Plant Growth Regulation</i> , 2021, 94, 131-149.	3.4	44
65	Elucidating the Mechanisms Underlying Enhanced Drought Tolerance in Plants Mediated by Arbuscular Mycorrhizal Fungi. <i>Frontiers in Microbiology</i> , 2021, 12, 809473.	3.5	43
66	Elevated levels of laccase synthesis by <i>Pleurotus pulmonarius</i> BPSM10 and its potential as a dye decolorizing agent. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 464-468.	3.8	42
67	Seed Priming with Brassinosteroids Alleviates Chromium Stress in Rice Cultivars via Improving ROS Metabolism and Antioxidant Defense Response at Biochemical and Molecular Levels. <i>Antioxidants</i> , 2021, 10, 1089.	5.1	42
68	Eco-Floristic studies of native plants of the Beer Hills along the Indus River in the districts Haripur and Abbottabad, Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 801-810.	3.8	41
69	Ethnomedicinal Evaluation of Medicinal Plants Used against Gastrointestinal Complaints. <i>BioMed Research International</i> , 2015, 2015, 1-14.	1.9	39
70	Calcium application enhances growth and alleviates the damaging effects induced by Cd stress in sesame ( <i>Sesamum indicum</i> L.). <i>Journal of Plant Interactions</i> , 2017, 12, 237-243.	2.1	37
71	Comparative Analysis of the Combined Effects of Different Water and Phosphate Levels on Growth and Biological Nitrogen Fixation of Nine Cowpea Varieties. <i>Frontiers in Plant Science</i> , 2017, 8, 2111.	3.6	37
72	A Comprehensive Appraisal of the Wild Food Plants and Food System of Tribal Cultures in the Hindu Kush Mountain Range; a Way Forward for Balancing Human Nutrition and Food Security. <i>Sustainability</i> , 2021, 13, 5258.	3.2	35

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73	Metabolomics and Transcriptomics in Legumes Under Phosphate Deficiency in Relation to Nitrogen Fixation by Root Nodules. <i>Frontiers in Plant Science</i> , 2018, 9, 922.	3.6	33
74	Role of calcium in AMF-mediated alleviation of the adverse impacts of cadmium stress in <i>Bassia indica</i> [Wight] A.J. Scott. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 828-838.	3.8	31
75	Antibacterial activity of selected medicinal plants of northwest Pakistan traditionally used against mastitis in livestock. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 154-161.	3.8	30
76	Entomopathogenic fungus <i>Clonostachys rosea</i> as a biocontrol agent against whitefly ( <i>Bemisia tabaci</i> ). <i>Biocontrol Science and Technology</i> , 2018, 28, 750-760.	1.3	30
77	Java plum and amaltash seed biomass based bio-adsorbents for synthetic wastewater treatment. <i>Environmental Pollution</i> , 2021, 280, 116890.	7.5	30
78	Silicon supplementation modulates antioxidant system and osmolyte accumulation to balance salt stress in <i>Acacia gerrardii</i> Benth. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1856-1864.	3.8	29
79	Bacterial Augmented Floating Treatment Wetlands for Efficient Treatment of Synthetic Textile Dye Wastewater. <i>Sustainability</i> , 2020, 12, 3731.	3.2	29
80	Herbal Teas and Drinks: Folk Medicine of the Manoor Valley, Lesser Himalaya, Pakistan. <i>Plants</i> , 2019, 8, 581.	3.5	27
81	Bioaccumulation of heavy metals in <i>Channa punctatus</i> (Bloch) in river Ramganga (U.P.), India. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 979-984.	3.8	26
82	Molecular players of auxin transport systems: advances in genomic and molecular events. <i>Journal of Plant Interactions</i> , 2018, 13, 483-495.	2.1	23
83	Single Nucleotide Polymorphisms in Starch Biosynthetic Genes Associated With Increased Resistant Starch Concentration in Rice Mutant. <i>Frontiers in Genetics</i> , 2019, 10, 946.	2.3	23
84	Plant Resources Utilization among Different Ethnic Groups of Ladakh in Trans-Himalayan Region. <i>Biology</i> , 2021, 10, 827.	2.8	23
85	Environmental variables drive plant species composition and distribution in the moist temperate forests of Northwestern Himalaya, Pakistan. <i>PLoS ONE</i> , 2022, 17, e0260687.	2.5	23
86	Evaluation of gastrointestinal bacterial population for the production of holocellulose enzymes for biomass deconstruction. <i>PLoS ONE</i> , 2017, 12, e0186355.	2.5	22
87	Effects of a medicinal plant <i>Macrotyloma uniflorum</i> (Lam.) Verdc. formulation (MUF) on obesity-associated oxidative stress-induced liver injury. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1115-1121.	3.8	22
88	Fulvic Acid Prevents Chromium-induced Morphological, Photosynthetic, and Oxidative Alterations in Wheat Irrigated with Tannery Waste Water. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 1357-1367.	5.1	22
89	Genomic and evolutionary aspects of chloroplast tRNA in monocot plants. <i>BMC Plant Biology</i> , 2019, 19, 39.	3.6	22
90	Exploration and local utilization of medicinal vegetation naturally grown in the Deusai plateau of Gilgit, Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 326-331.	3.8	21

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91	Regulatory roles of 24-epibrassinolide in tolerance of <i>Acacia gerrardii</i> Benth to salt stress. <i>Bioengineered</i> , 2018, 9, 61-71.	3.2	21
92	The Ameliorative Role of 5-Aminolevulinic Acid (ALA) Under Cr Stress in Two Maize Cultivars Showing Differential Sensitivity to Cr Stress Tolerance. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 788-798.	5.1	21
93	Citric Acid Assisted Phytoremediation of Chromium through Sunflower Plants Irrigated with Tannery Wastewater. <i>Plants</i> , 2020, 9, 380.	3.5	20
94	Quercetin mitigates the deoxynivalenol mycotoxin induced apoptosis in SH-SY5Y cells by modulating the oxidative stress mediators. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 465-477.	3.8	20
95	Minimization of post-harvest sucrose losses in drought affected sugarcane using chemical formulation. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 309-317.	3.8	19
96	Nutritional assessment study and role of green silver nanoparticles in shelf-life of coconut endosperm to develop as functional food. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1280-1288.	3.8	19
97	Optimization of protease production from <i>Bacillus halodurans</i> under solid state fermentation using agrowastes. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4263-4269.	3.8	19
98	Mycorrhizal fungi induced activation of tomato defense system mitigates Fusarium wilt stress. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5442-5450.	3.8	19
99	Sustainable removal of arsenic from simulated wastewater using solid waste seed pods biosorbents of <i>Cassia fistula</i> L.. <i>Chemosphere</i> , 2022, 287, 132308.	8.2	19
100	Bacterial synthesized metal and metal salt nanoparticles in biomedical applications: An up and coming approach. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5810.	3.5	18
101	Draft Genome Sequence of Plant Growth-Promoting Endophytic Microbacterium <i>hydrothermale</i> BPSAC84, Isolated from the Medicinal Plant <i>Mirabilis jalapa</i> . <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	17
102	Iron Oxide (Fe <sub>3</sub> O <sub>4</sub> )-Supported SiO <sub>2</sub> Magnetic Nanocomposites for Efficient Adsorption of Fluoride from Drinking Water: Synthesis, Characterization, and Adsorption Isotherm Analysis. <i>Water (Switzerland)</i> , 2021, 13, 1514.	2.7	17
103	Promotion of Growth and Physiological Characteristics in Water-Stressed <i>Triticum aestivum</i> in Relation to Foliar-Application of Salicylic Acid. <i>Water (Switzerland)</i> , 2021, 13, 1316.	2.7	17
104	Isolation and Characterization of Endophytes Bacterial Strains of <i>Momordica charantia</i> L. and Their Possible Approach in Stress Management. <i>Microorganisms</i> , 2022, 10, 290.	3.6	17
105	Arbuscular Mycorrhizal Fungi and Endophytic Fungi Activate Leaf Antioxidant Defense System of Lane Late Navel Orange. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 282.	3.5	17
106	Responsive Proteins in Wheat Cultivars with Contrasting Nitrogen Efficiencies under the Combined Stress of High Temperature and Low Nitrogen. <i>Genes</i> , 2017, 8, 356.	2.4	16
107	In Vivo Studies of Inoculated Plants and In Vitro Studies Utilizing Methanolic Extracts of Endophytic <i>Streptomyces</i> sp. Strain DBT34 Obtained from <i>Mirabilis jalapa</i> L. Exhibit ROS-Scavenging and Other Bioactive Properties. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7364.	4.1	16
108	Biomedical and therapeutic potential of exopolysaccharides by <i>Lactobacillus paracasei</i> isolated from sauerkraut: Screening and characterization. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2943-2950.	3.8	16



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109	Sustainable Chromium Recovery From Wastewater Using Mango and Jackfruit Seed Kernel Bio-Adsorbents. <i>Frontiers in Microbiology</i> , 2021, 12, 717848.	3.5	16
110	Physiological and Biochemical Responses of Bicarbonate Supplementation on Biomass and Lipid Content of Green Algae <i>Scenedesmus</i> sp. BHU1 Isolated From Wastewater for Renewable Biofuel Feedstock. <i>Frontiers in Microbiology</i> , 2022, 13, 839800.	3.5	16
111	Carbon sequestration potential of reserve forests present in the protected Margalla Hills National Park. <i>Journal of King Saud University - Science</i> , 2022, 34, 101978.	3.5	16
112	Allelopathic effects of the aqueous extract of <i>Rhazya stricta</i> on growth and metabolism of <i>Salsola villosa</i> . <i>Plant Biosystems</i> , 2018, 152, 1263-1273.	1.6	15
113	<i>Cyperus laevigatus</i> L. Enhances Diesel Oil Remediation in Synergism with Bacterial Inoculation in Floating Treatment Wetlands. <i>Sustainability</i> , 2020, 12, 2353.	3.2	15
114	Complete Genome Sequence of <i>Lactobacillus plantarum</i> Strain JDARSH, Isolated from Sheep Milk. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	15
115	Mycorrhizal Fungal Diversity and Its Relationship with Soil Properties in <i>Camellia oleifera</i> . <i>Agriculture (Switzerland)</i> , 2021, 11, 470.	3.1	15
116	Development of Graphene Oxide Nanosheets as Potential Biomaterials in Cancer Therapeutics: An In-Vitro Study Against Breast Cancer Cell Line. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 4236-4249.	3.7	15
117	Biological Characterization and Instrumental Analytical Comparison of Two Biorefining Pretreatments for Water Hyacinth ( <i>Eichhornia crassipes</i> ) Biomass Hydrolysis. <i>Sustainability</i> , 2021, 13, 245.	3.2	15
118	A Cross-Cultural Analysis of Plant Resources among Five Ethnic Groups in the Western Himalayan Region of Jammu and Kashmir. <i>Biology</i> , 2022, 11, 491.	2.8	15
119	Root Endophytic Fungi Regulate Changes in Sugar and Medicinal Compositions of <i>Polygonum cuspidatum</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 818909.	3.6	15
120	Phytotherapeutic efficacy of the medicinal plant <i>Terminalia catappa</i> L.. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 985-988.	3.8	14
121	Differential Effects of Exogenous Glomalin-Related Soil Proteins on Plant Growth of Trifoliolate Orange Through Regulating Auxin Changes. <i>Frontiers in Plant Science</i> , 2021, 12, 745402.	3.6	14
122	Toward Integrated Multi-Omics Intervention: Rice Trait Improvement and Stress Management. <i>Frontiers in Plant Science</i> , 2021, 12, 741419.	3.6	14
123	Field Inoculation of Arbuscular Mycorrhizal Fungi Improves Fruit Quality and Root Physiological Activity of Citrus. <i>Agriculture (Switzerland)</i> , 2021, 11, 1297.	3.1	14
124	Metagenomic Analysis of Bacterial Diversity in Traditional Fermented Foods Reveals Food-Specific Dominance of Specific Bacterial Taxa. <i>Fermentation</i> , 2021, 7, 167.	3.0	13
125	Role of AM Fungi in Alleviating Drought Stress in Plants. , 2014, , 55-75.		13
126	Strigolactones Modulate Cellular Antioxidant Defense Mechanisms to Mitigate Arsenate Toxicity in Rice Shoots. <i>Antioxidants</i> , 2021, 10, 1815.	5.1	13



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127	Tapping Into Actinobacterial Genomes for Natural Product Discovery. <i>Frontiers in Microbiology</i> , 2021, 12, 655620.	3.5	12
128	The Change in Fatty Acids and Sugars Reveals the Association between Trifoliate Orange and Endophytic Fungi. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 716.	3.5	12
129	A review of the interaction of medicinal plants and arbuscular mycorrhizal fungi in the rhizosphere. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12454.	1.1	12
130	Multi-Biofunctional Properties of Phytofabricated Selenium Nanoparticles From <i>Carica papaya</i> Fruit Extract: Antioxidant, Antimicrobial, Antimycotoxin, Anticancer, and Biocompatibility. <i>Frontiers in Microbiology</i> , 2021, 12, 769891.	3.5	12
131	Mycorrhizal fungal community structure in tropical humid soils under fallow and cropping conditions. <i>Scientific Reports</i> , 2018, 8, 17061.	3.3	11
132	Increased temperature induces leafhopper outbreak in rice field. <i>Journal of Applied Entomology</i> , 2019, 143, 867-874.	1.8	11
133	<i>Nigella sativa</i> callus treated with sodium azide exhibit augmented antioxidant activity and DNA damage inhibition. <i>Scientific Reports</i> , 2021, 11, 13954.	3.3	11
134	Genome-Wide Identification, Genomic Organization, and Characterization of Potassium Transport-Related Genes in <i>Cajanus cajan</i> and Their Role in Abiotic Stress. <i>Plants</i> , 2021, 10, 2238.	3.5	11
135	Endophytic Fungi Accelerate Leaf Physiological Activity and Resveratrol Accumulation in <i>Polygonum cuspidatum</i> by Up-Regulating Expression of Associated Genes. <i>Agronomy</i> , 2022, 12, 1220.	3.0	11
136	Seed mycoflora of <i>Lens esculenta</i> and their biocontrol by chitosan. <i>Phytoparasitica</i> , 2006, 34, 213-218.	1.2	10
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