Abeer Hashem

List of Publications by Year
in descending order

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		44069	43889
198	10,280	48	91
papers	citations	h-index	g-index

208	208	208	8971
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal studies of biomass obtained from the seeds of Syzygium cumini and Cassia fistula L. and peel of Cassia fistula L. fruit. Biomass Conversion and Biorefinery, 2023, 13, 7601-7612.	4.6	8
2	Investigation on hexavalent chromium removal from simulated wastewater using royal poinciana pods-derived bioadsorbent. Biomass Conversion and Biorefinery, 2023, 13, 13369-13380.	4.6	2
3	Integrated process approach for degradation of p-cresol pollutant under photocatalytic reactor using activated carbon/TiO2 nanocomposite: application in wastewater treatment. Environmental Science and Pollution Research, 2022, 29, 61811-61820.	5.3	8
4	Sustainable removal of arsenic from simulated wastewater using solid waste seed pods biosorbents of Cassia fistula L.. Chemosphere, 2022, 287, 132308.	8.2	19
5	The use of rhizobium and mycorrhizae in soil containing rhizobiophage to improve growth and nodulation of cowpea. Scientia Agricola, 2022, 79, .	1.2	2
6	Isolation and Characterization of Endophytes Bacterial Strains of Momordica charantia L. and Their Possible Approach in Stress Management. Microorganisms, 2022, 10, 290.	3.6	17
7	Post-harvest biology and recent advances of storage technologies in sugarcane. Biotechnology Reports (Amsterdam, Netherlands), 2022, 33, e00705.	4.4	9
8	Arbuscular Mycorrhizal Fungi Isolated from Highly Saline â€œSabkha Habitatâ€•Soil Alleviated the NaCl-Induced Stress and Improved Lasiurus scindicus Henr. Growth. Agriculture (Switzerland), 2022, 12, 337.	3.1	10
9	Environmental variables drive plant species composition and distribution in the moist temperate forests of Northwestern Himalaya, Pakistan. PLoS ONE, 2022, 17, e0260687.	2.5	23
10	Physiological and Biochemical Responses of Bicarbonate Supplementation on Biomass and Lipid Content of Green Algae Scenedesmus sp. BHU1 Isolated From Wastewater for Renewable Biofuel Feedstock. Frontiers in Microbiology, 2022, 13, 839800.	3.5	16
11	A Cross-Cultural Analysis of Plant Resources among Five Ethnic Groups in the Western Himalayan Region of Jammu and Kashmir. Biology, 2022, 11, 491.	2.8	15
12	Ameliorations in dyslipidemia and atherosclerotic plaque by the inhibition of HMG-CoA reductase and antioxidant potential of phytoconstituents of an aqueous seed extract of Acacia senegal (L.) Willd in rabbits. PLoS ONE, 2022, 17, e0264646.	2.5	6
13	Root Endophytic Fungi Regulate Changes in Sugar and Medicinal Compositions of Polygonum cuspidatum. Frontiers in Plant Science, 2022, 13, 818909.	3.6	15
14	Ethnoveterinary Practices of Medicinal Plants Among Tribes of Tribal District of North Waziristan, Khyber Pakhtunkhwa, Pakistan. Frontiers in Veterinary Science, 2022, 9, 815294.	2.2	8
15	Arbuscular Mycorrhizal Fungi and Endophytic Fungi Activate Leaf Antioxidant Defense System of Lane Late Navel Orange. Journal of Fungi (Basel, Switzerland), 2022, 8, 282.	3.5	17
16	Carbon sequestration potential of reserve forests present in the protected Margalla Hills National Park. Journal of King Saud University - Science, 2022, 34, 101978.	3.5	16
17	Drought Stress and Sustainable Sugarcane Production. Microorganisms for Sustainability, 2022, , 353-368.	0.7	3
18	Endophytic Fungi Accelerate Leaf Physiological Activity and Resveratrol Accumulation in Polygonum cuspidatum by Up-Regulating Expression of Associated Genes. Agronomy, 2022, 12, 1220.	3.0	11

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19	Quercetin mitigates the deoxynivalenol mycotoxin induced apoptosis in SH-SY5Y cells by modulating the oxidative stress mediators. Saudi Journal of Biological Sciences, 2021, 28, 465-477.	3.8	20
20	Physiological and Molecular Responses to Salinity Due to Excessive Na+ in Plants. , 2021, , 291-303.		1
21	Phytohormone transporters during abiotic stress response. , 2021, , 235-260.		0
22	Involvement of membrane transporters in drought tolerance. , 2021, , 383-399.		2
23	Abiotic Stress and Reactive Oxygen Species: Generation, Signaling, and Defense Mechanisms. Antioxidants, 2021, 10, 277.	5.1	449
24	Nanoparticle-based amelioration of drought stress and cadmium toxicity in rice via triggering the stress responsive genetic mechanisms and nutrient acquisition. Ecotoxicology and Environmental Safety, 2021, 209, 111829.	6.0	98
25	Current Developments and Challenges in Plant Viral Diagnostics: A Systematic Review. Viruses, 2021, 13, 412.	3.3	57
26	Karyomorphological effects of two new oil formulations on Helicoverpa armigera (HÃ¼bner) (Lepidoptera: Noctuidae). Saudi Journal of Biological Sciences, 2021, 28, 1514-1518.	3.8	2
27	The Effectiveness of Protected Areas in Conserving Globally Threatened Western Tragopan Tragopan melanocephalus. Animals, 2021, 11, 680.	2.3	1
28	Diversity of Medicinal Plants among Different Tree Canopies. Sustainability, 2021, 13, 2640.	3.2	5
29	Plant Defense Responses to Biotic Stress and Its Interplay With Fluctuating Dark/Light Conditions. Frontiers in Plant Science, 2021, 12, 631810.	3.6	109
30	Virtual 2-D map of the fungal proteome. Scientific Reports, 2021, 11, 6676.	3.3	8
31	GABA shunt: a key-player in mitigation of ROS during stress. Plant Growth Regulation, 2021, 94, 131-149.	3.4	44
32	Improvements in HOMA indices and pancreatic endocrinal tissues in type 2-diabetic rats by DPP-4 inhibition and antioxidant potential of an ethanol fruit extract of WithaniaÂcoagulans. Nutrition and Metabolism, 2021, 18, 43.	3.0	8
33	Iron Oxide (Fe3O4)-Supported SiO2 Magnetic Nanocomposites for Efficient Adsorption of Fluoride from Drinking Water: Synthesis, Characterization, and Adsorption Isotherm Analysis. Water (Switzerland), 2021, 13, 1514.	2.7	17
34	Mycorrhizal Fungal Diversity and Its Relationship with Soil Properties in Camellia oleifera. Agriculture (Switzerland), 2021, 11, 470.	3.1	15
35	Promotion of Growth and Physiological Characteristics in Water-Stressed Triticum aestivum in Relation to Foliar-Application of Salicylic Acid. Water (Switzerland), 2021, 13, 1316.	2.7	17
36	Biohydrogen production using kitchen waste as the potential substrate: A sustainable approach. Chemosphere, 2021, 271, 129537.	8.2	48

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37	Optimization of protease production from Bacillus halodurans under solid state fermentation using agrowastes. Saudi Journal of Biological Sciences, 2021, 28, 4263-4269.	3.8	19
38	Nanosize Carriers for Drug and Vaccine Delivery: Advances and Challenges. Nanoscience and Nanotechnology - Asia, 2021, 11, .	0.7	0
39	Biomedical and therapeutic potential of exopolysaccharides by Lactobacillus paracasei isolated from sauerkraut: Screening and characterization. Saudi Journal of Biological Sciences, 2021, 28, 2943-2950.	3.8	16
40	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. Sustainability, 2021, 13, 5258.	3.2	35
41	Tapping Into Actinobacterial Genomes for Natural Product Discovery. Frontiers in Microbiology, 2021, 12, 655620.	3.5	12
42	Nigella sativa callus treated with sodium azide exhibit augmented antioxidant activity and DNA damage inhibition. Scientific Reports, 2021, 11, 13954.	3.3	11
43	Seed Priming with Brassinosteroids Alleviates Chromium Stress in Rice Cultivars via Improving ROS Metabolism and Antioxidant Defense Response at Biochemical and Molecular Levels. Antioxidants, 2021, 10, 1089.	5.1	42
44	Antimicrobial screening of polyherbal formulations traditionally used against gastrointestinal diseases. Saudi Journal of Biological Sciences, 2021, 28, 6829-6843.	3.8	4
45	Java plum and amaltash seed biomass based bio-adsorbents for synthetic wastewater treatment. Environmental Pollution, 2021, 280, 116890.	7.5	30
46	Spatial changes of arbuscular mycorrhizal fungi in peach and their correlation with soil properties. Saudi Journal of Biological Sciences, 2021, 28, 6495-6499.	3.8	5
47	Metagenomic Analysis of Bacterial Diversity in Traditional Fermented Foods Reveals Food-Specific Dominance of Specific Bacterial Taxa. Fermentation, 2021, 7, 167.	3.0	13
48	The Change in Fatty Acids and Sugars Reveals the Association between Trifoliate Orange and Endophytic Fungi. Journal of Fungi (Basel, Switzerland), 2021, 7, 716.	3.5	12
49	Development of Graphene Oxide Nanosheets as Potential Biomaterials in Cancer Therapeutics: An In-Vitro Study Against Breast Cancer Cell Line. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 4236-4249.	3.7	15
50	Easily Extractable Glomalin-Related Soil Protein as Foliar Spray Improves Nutritional Qualities of Late Ripening Sweet Oranges. Horticulturae, 2021, 7, 228.	2.8	7
51	Plant Resources Utilization among Different Ethnic Groups of Ladakh in Trans-Himalayan Region. Biology, 2021, 10, 827.	2.8	23
52	Molecular docking studies of natural alkaloids as acetylcholinesterase (AChE1) inhibitors in Aedes aegypti. Journal of Asia-Pacific Entomology, 2021, 24, 645-652.	0.9	7
53	A review of the interaction of medicinal plants and arbuscular mycorrhizal fungi in the rhizosphere. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2021, 49, 12454.	1.1	12
54	Unraveling the Interaction between Arbuscular Mycorrhizal Fungi and Camellia Plants. Horticulturae, 2021, 7, 322.	2.8	8

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55	Exogenous Glomalin-Related Soil Proteins Differentially Regulate Soil Properties in Trifoliate Orange. Agronomy, 2021, 11, 1896.	3.0	6
56	Impact of rhizobacterium Bacillus sonorensis on propagation of Abelmoschus esculentus and its antimicrobial activity. Journal of King Saud University - Science, 2021, 33, 101496.	3.5	2
57	Sustainable Chromium Recovery From Wastewater Using Mango and Jackfruit Seed Kernel Bio-Adsorbents. Frontiers in Microbiology, 2021, 12, 717848.	3.5	16
58	Differential Effects of Exogenous Glomalin-Related Soil Proteins on Plant Growth of Trifoliate Orange Through Regulating Auxin Changes. Frontiers in Plant Science, 2021, 12, 745402.	3.6	14
59	Mycorrhizal fungi induced activation of tomato defense system mitigates Fusarium wilt stress. Saudi Journal of Biological Sciences, 2021, 28, 5442-5450.	3.8	19
60	Amplification, sequencing and characterization of pectin methyl esterase inhibitor 51 gene in Tectona grandis L.f.. Saudi Journal of Biological Sciences, 2021, 28, 5451-5460.	3.8	2
61	Low-cost biochar adsorbents prepared from date and delonix regia seeds for heavy metal sorption. Bioresource Technology, 2021, 339, 125606.	9.6	60
62	Bacterial Root Endophytes: Characterization of Their Competence and Plant Growth Promotion in Soybean (Glycine max (L.) Merr.) under Drought Stress. International Journal of Environmental Research and Public Health, 2021, 18, 931.	2.6	65
63	Biological Characterization and Instrumental Analytical Comparison of Two Biorefining Pretreatments for Water Hyacinth (Eichhornia crassipes) Biomass Hydrolysis. Sustainability, 2021, 13, 245.	3.2	15
64	Genome-Wide Identification, Genomic Organization, and Characterization of Potassium Transport-Related Genes in Cajanus cajan and Their Role in Abiotic Stress. Plants, 2021, 10, 2238.	3.5	11
65	Toward Integrated Multi-Omics Intervention: Rice Trait Improvement and Stress Management. Frontiers in Plant Science, 2021, 12, 741419.	3.6	14
66	Composition of plant communities driven by environmental gradients in alpine pastures and cold desert of northwestern Himalaya, Pakistan. Pakistan Journal of Botany, 2021, 53, .	0.5	3
67	In Silico Core Proteomics and Molecular Docking Approaches for the Identification of Novel Inhibitors against Streptococcus pyogenes. International Journal of Environmental Research and Public Health, 2021, 18, 11355.	2.6	6
68	Comparative Physiological, Biochemical, and Proteomic Responses of Photooxidation-Prone Rice Mutant 812HS under High Light Conditions. Agronomy, 2021, 11, 2225.	3.0	1
69	Species Distribution Pattern and Their Contribution in Plant Community Assembly in Response to Ecological Gradients of the Ecotonal Zone in the Himalayan Region. Plants, 2021, 10, 2372.	3.5	7
70	Strigolactones Modulate Cellular Antioxidant Defense Mechanisms to Mitigate Arsenate Toxicity in Rice Shoots. Antioxidants, 2021, 10, 1815.	5.1	13
71	Transcriptomic Analysis of Late-Ripening Sweet Orange Fruits (Citrus sinensis) after Foliar Application of Glomalin-Related Soil Proteins. Agriculture (Switzerland), 2021, 11, 1171.	3.1	1
72	Efficacy, Energy Budgeting, and Carbon Footprints of Weed Management in Blackgram (Vigna mungo) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.2	1

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73	Multi-Biofunctional Properties of Phytofabricated Selenium Nanoparticles From Carica papaya Fruit Extract: Antioxidant, Antimicrobial, Antimycotoxin, Anticancer, and Biocompatibility. Frontiers in Microbiology, 2021, 12, 769891.	3.5	12
74	Field Inoculation of Arbuscular Mycorrhizal Fungi Improves Fruit Quality and Root Physiological Activity of Citrus. Agriculture (Switzerland), 2021, 11, 1297.	3.1	14
75	Elucidating the Mechanisms Underlying Enhanced Drought Tolerance in Plants Mediated by Arbuscular Mycorrhizal Fungi. Frontiers in Microbiology, 2021, 12, 809473.	3.5	43
76	Analysis of genomic tRNA revealed presence of novel genomic features in cyanobacterial tRNA. Saudi Journal of Biological Sciences, 2020, 27, 124-133.	3.8	5
77	Minimization of post-harvest sucrose losses in drought affected sugarcane using chemical formulation. Saudi Journal of Biological Sciences, 2020, 27, 309-317.	3.8	19
78	Arbuscular mycorrhizal fungi modulates dynamics tolerance expression to mitigate drought stress in Ephedra foliata Boiss. Saudi Journal of Biological Sciences, 2020, 27, 380-394.	3.8	80
79	Real-Time Optical Detection of Isoleucine in Living Cells through a Genetically-Encoded Nanosensor. Sensors, 2020, 20, 146.	3.8	5
80	Genome-wide analysis revealed novel molecular features and evolution of Anti-codons in cyanobacterial tRNAs. Saudi Journal of Biological Sciences, 2020, 27, 1195-1200.	3.8	1
81	In Vivo Studies of Inoculated Plants and In Vitro Studies Utilizing Methanolic Extracts of Endophytic Streptomyces sp. Strain DBT34 Obtained from Mirabilis jalapa L. Exhibit ROS-Scavenging and Other Bioactive Properties. International Journal of Molecular Sciences, 2020, 21, 7364.	4.1	16
82	Global Trends in Phytohormone Research: Google Trends Analysis Revealed African Countries Have Higher Demand for Phytohormone Information. Plants, 2020, 9, 1248.	3.5	2
83	Impact of chemical treatments on Leuconostoc bacteria from harvested stored cane/stale cane. Biotechnology Reports (Amsterdam, Netherlands), 2020, 27, e00501.	4.4	7
84	Construction of anti-codon table of the plant kingdom and evolution of tRNA selenocysteine (tRNASec). BMC Genomics, 2020, 21, 804.	2.8	6
85	In Vitro Antimicrobial and Antioxidant Activities of Lactobacillus coryniformis BCH-4 Bioactive Compounds and Determination of their Bioprotective Effects on Nutritional Components of Maize (Zea mays L.). Molecules, 2020, 25, 4685.	3.8	8
86	Cyperus laevigatus L. Enhances Diesel Oil Remediation in Synergism with Bacterial Inoculation in Floating Treatment Wetlands. Sustainability, 2020, 12, 2353.	3.2	15
87	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
88	Bacterial synthesized metal and metal salt nanoparticles in biomedical applications: An up and coming approach. Applied Organometallic Chemistry, 2020, 34, e5810.	3.5	18
89	Citric Acid Assisted Phytoremediation of Chromium through Sunflower Plants Irrigated with Tannery Wastewater. Plants, 2020, 9, 380.	3.5	20
90	Biological control of yeast contamination of industrial foods by propolis. Saudi Journal of Biological Sciences, 2020, 27, 935-946.	3.8	10

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91	Morphological assessment of water stressed sugarcane: A comparison of waterlogged and drought affected crop. Saudi Journal of Biological Sciences, 2020, 27, 1228-1236.	3.8	52
92	Nutritional assessment study and role of green silver nanoparticles in shelf-life of coconut endosperm to develop as functional food. Saudi Journal of Biological Sciences, 2020, 27, 1280-1288.	3.8	19
93	Phytoconstituents of an ethanolic pod extract of Prosopis cineraria triggers the inhibition of HMG-CoA reductase and the regression of atherosclerotic plaque in hypercholesterolemic rabbits. Lipids in Health and Disease, 2020, 19, 6.	3.0	10
94	Genomics, molecular and evolutionary perspective of NAC transcription factors. PLoS ONE, 2020, 15, e0231425.	2.5	65
95	Complete Genome Sequence of Lactobacillus plantarum Strain JDARSH, Isolated from Sheep Milk. Microbiology Resource Announcements, 2020, 9, .	0.6	15
96	Copper Uptake and Accumulation, Ultra-Structural Alteration, and Bast Fibre Yield and Quality of Fibrous Jute (Corchorus capsularis L.) Plants Grown under Two Different Soils of China. Plants, 2020, 9, 404.	3.5	52
97	Dual Inhibition of DPP-4 and Cholinesterase Enzymes by the Phytoconstituents of the Ethanolic Extract of Prosopis cineraria Pods: Therapeutic Implications for the Treatment of Diabetes-associated Neurological Impairments. Current Alzheimer Research, 2020, 16, 1230-1244.	1.4	7
98	Gene Loss and Evolution of the Plastome. Genes, 2020, 11, 1133.	2.4	48
99	Bacterial Augmented Floating Treatment Wetlands for Efficient Treatment of Synthetic Textile Dye Wastewater. Sustainability, 2020, 12, 3731.	3.2	29
100	Analysis of mutations of defensin protein using accelerated molecular dynamics simulations. PLoS ONE, 2020, 15, e0241679.	2.5	3
101	The molecular mass and isoelectric point of plant proteomes. BMC Genomics, 2019, 20, 631.	2.8	62
102	Increased temperature induces leaffolder outbreak in rice field. Journal of Applied Entomology, 2019, 143, 867-874.	1.8	11
103	Enhancement of disease resistance, growth potential, and photosynthesis in tomato (Solanum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 strain BPSAC147. PLoS ONE, 2019, 14, e0219014.	2.5	44
104	Single Nucleotide Polymorphisms in Starch Biosynthetic Genes Associated With Increased Resistant Starch Concentration in Rice Mutant. Frontiers in Genetics, 2019, 10, 946.	2.3	23
105	Acetic acid: a cost-effective agent for mitigation of seawater-induced salt toxicity in mung bean. Scientific Reports, 2019, 9, 15186.	3.3	67
106	Impact of Plant Growth Promoting Rhizobacteria in the Orchestration of Lycopersicon esculentum Mill. Resistance to Plant Parasitic Nematodes: A Metabolomic Approach to Evaluate Defense Responses Under Field Conditions. Biomolecules, 2019, 9, 676.	4.0	47
107	Proteome Profiling of the Mutagen-Induced Morphological and Yield Macro-Mutant Lines of Nigella sativa L.. Plants, 2019, 8, 321.	3.5	3
108	Can sugarcane cope with increasing atmospheric CO2 concentration?. Australian Journal of Crop Science, 2019, , 780-784.	0.3	7

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109	Ecophysiological Plasticity and Cold Stress Adaptation in Himalayan Alpine Herbs: Bistorta affinis and Sibbaldia procumbens. Plants, 2019, 8, 378.	3.5	6
110	Genomic and evolutionary aspects of chloroplast tRNA in monocot plants. BMC Plant Biology, 2019, 19, 39.	3.6	22
111	Draft Genome Sequence of Plant Growth-Promoting Endophytic Microbacterium hydrothermale BPSAC84, Isolated from the Medicinal Plant Mirabilis jalapa. Microbiology Resource Announcements, 2019, 8, .	0.6	17
112	Bacillus subtilis: A plant-growth promoting rhizobacterium that also impacts biotic stress. Saudi Journal of Biological Sciences, 2019, 26, 1291-1297.	3.8	442
113	Biofabrication of Zinc Oxide Nanoparticles With Syzygium aromaticum Flower Buds Extract and Finding Its Novel Application in Controlling the Growth and Mycotoxins of Fusarium graminearum. Frontiers in Microbiology, 2019, 10, 1244.	3.5	58
114	Draft Genome Sequence of Streptomyces thermocarboxydus BPSAC147, a Potentially Plant Growth-Promoting Endophytic Bacterium. Microbiology Resource Announcements, 2019, 8, .	0.6	2
115	Bioaccumulation of heavy metals in Channa punctatus (Bloch) in river Ramganga (U.P.), India. Saudi Journal of Biological Sciences, 2019, 26, 979-984.	3.8	26
116	Molecular Players of EF-hand Containing Calcium Signaling Event in Plants. International Journal of Molecular Sciences, 2019, 20, 1476.	4.1	69
117	Silicon Alleviates Nickel-Induced Oxidative Stress by Regulating Antioxidant Defense and Glyoxalase Systems in Mustard Plants. Journal of Plant Growth Regulation, 2019, 38, 1260-1273.	5.1	48
118	Conversion of Cytochrome P450 2D6 of Human Into a FRET-Based Tool for Real-Time Monitoring of Ajmalicine in Living Cells. Frontiers in Bioengineering and Biotechnology, 2019, 7, 375.	4.1	9
119	Herbal Teas and Drinks: Folk Medicine of the Manoor Valley, Lesser Himalaya, Pakistan. Plants, 2019, 8, 581.	3.5	27
120	Phytotherapeutic efficacy of the medicinal plant Terminalia catappa L.. Saudi Journal of Biological Sciences, 2019, 26, 985-988.	3.8	14
121	Arbuscular mycorrhizal fungi and biochar improves drought tolerance in chickpea. Saudi Journal of Biological Sciences, 2019, 26, 614-624.	3.8	140
122	The Ameliorative Role of 5-Aminolevulinic Acid (ALA) Under Cr Stress in Two Maize Cultivars Showing Differential Sensitivity to Cr Stress Tolerance. Journal of Plant Growth Regulation, 2019, 38, 788-798.	5.1	21
123	Plant growth promoting rhizobacteria induced Cd tolerance in Lycopersicon esculentum through altered antioxidative defense expression. Chemosphere, 2019, 217, 463-474.	8.2	81
124	Elevated levels of laccase synthesis by Pleurotus pulmonarius BPSM10 and its potential as a dye decolorizing agent. Saudi Journal of Biological Sciences, 2019, 26, 464-468.	3.8	42
125	Microalgae metabolites: A rich source for food and medicine. Saudi Journal of Biological Sciences, 2019, 26, 709-722.	3.8	470
126	Growing more with less: Breeding and developing drought resilient soybean to improve food security. Ecological Indicators, 2019, 105, 425-437.	6.3	79

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127	Silicon supplementation modulates antioxidant system and osmolyte accumulation to balance salt stress in Acacia gerrardii Benth. Saudi Journal of Biological Sciences, 2019, 26, 1856-1864.	3.8	29
128	Role of calcium in AMF-mediated alleviation of the adverse impacts of cadmium stress in Bassia indica [Wight] A.J. Scott. Saudi Journal of Biological Sciences, 2019, 26, 828-838.	3.8	31
129	Comparing symbiotic performance and physiological responses of two soybean cultivars to arbuscular mycorrhizal fungi under salt stress. Saudi Journal of Biological Sciences, 2019, 26, 38-48.	3.8	53
130	Cadmium Stress Tolerance in Plants and Role of Beneficial Soil Microorganisms. Microorganisms for Sustainability, 2019, , 213-234.	0.7	2
131	Draft Genome Sequence of Freshwater-Derived Streptomyces sp. Strain BPSDS2, Isolated from Damte Stream, Northeast India. Microbiology Resource Announcements, 2019, 8, .	0.6	0
132	Arbuscular Mycorrhizal Fungi and Plant Stress Tolerance. Microorganisms for Sustainability, 2018, , 81-103.	0.7	10
133	Endophytic bacteriumBacillus subtilis(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
134	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
135	Effects of a medicinal plant Macrotyloma uniflorum (Lam.) Verdc.formulation (MUF) on obesity-associated oxidative stress-induced liver injury. Saudi Journal of Biological Sciences, 2018, 25, 1115-1121.	3.8	22
136	Allelopathic effects of the aqueous extract of Rhazya stricta on growth and metabolism of Salsola villosa. Plant Biosystems, 2018, 152, 1263-1273.	1.6	15
137	Antibacterial activity of selected medicinal plants of northwest Pakistan traditionally used against mastitis in livestock. Saudi Journal of Biological Sciences, 2018, 25, 154-161.	3.8	30
138	Eco-Floristic studies of native plants of the Beer Hills along the Indus River in the districts Haripur and Abbottabad, Pakistan. Saudi Journal of Biological Sciences, 2018, 25, 801-810.	3.8	41
139	Exploration and local utilization of medicinal vegetation naturally grown in the Deusai plateau of Gilgit, Pakistan. Saudi Journal of Biological Sciences, 2018, 25, 326-331.	3.8	21
140	Regulatory roles of 24-epibrassinolide in tolerance of Acacia gerrardii Benth to salt stress. Bioengineered, 2018, 9, 61-71.	3.2	21
141	Pesticide degrading natural multidrug resistance bacterial flora. Microbial Pathogenesis, 2018, 114, 304-310.	2.9	50
142	Mycorrhizal fungal community structure in tropical humid soils under fallow and cropping conditions. Scientific Reports, 2018, 8, 17061.	3.3	11
143	Molecular players of auxin transport systems: advances in genomic and molecular events. Journal of Plant Interactions, 2018, 13, 483-495.	2.1	23
144	Bioremediation of cadmium induced renal toxicity in Rattus norvegicus by medicinal plant Catharanthus roseus. Saudi Journal of Biological Sciences, 2018, 25, 1739-1742.	3.8	6

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145	Silver Nanoparticle Synthesis and Characterization from leaf Extract of Psoralea Corylifolia (Babchi). Oriental Journal of Chemistry, 2018, 34, 2673-2676.	0.3	2
146	Fulvic Acid Prevents Chromium-induced Morphological, Photosynthetic, and Oxidative Alterations in Wheat Irrigated with Tannery Waste Water. Journal of Plant Growth Regulation, 2018, 37, 1357-1367.	5.1	22
147	Phylogenetic affiliation and determination of bioactive compounds of bacterial population associated with organs of mud crab, Scylla olivacea. Saudi Journal of Biological Sciences, 2018, 25, 1743-1754.	3.8	5
148	Manipulation of Plant Growth Regulators on Phytochemical Constituents and DNA Protection Potential of the Medicinal Plant Arnebia benthamii. BioMed Research International, 2018, 2018, 1-8.	1.9	6
149	Entomopathogenic fungus Clonostachys rosea as a biocontrol agent against whitefly (Bemisia tabaci). Biocontrol Science and Technology, 2018, 28, 750-760.	1.3	30
150	Cloning and Expression of the Organophosphate Pesticide-DegradingÎ±-Î²Hydrolase Gene in Plasmid pMK-07 to Confer Cross-Resistance to Antibiotics. BioMed Research International, 2018, 2018, 1-13.	1.9	8
151	Metabolomics and Transcriptomics in Legumes Under Phosphate Deficiency in Relation to Nitrogen Fixation by Root Nodules. Frontiers in Plant Science, 2018, 9, 922.	3.6	33
152	Silver Nanoparticles Synthesized Using Wild Mushroom Show Potential Antimicrobial Activities against Food Borne Pathogens. Molecules, 2018, 23, 655.	3.8	102
153	Endophytic Fungiâ€"Alternative Sources of Cytotoxic Compounds: A Review. Frontiers in Pharmacology, 2018, 9, 309.	3.5	185
154	Groundwater contamination with cadmium concentrations in some West U.P. Regions, India. Saudi Journal of Biological Sciences, 2018, 25, 1365-1368.	3.8	94
155	Early Events in Plant Abiotic Stress Signaling: Interplay Between Calcium, Reactive Oxygen Species and Phytohormones. Journal of Plant Growth Regulation, 2018, 37, 1033-1049.	5.1	78
156	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
157	Bioprospection of actinobacteria derived from freshwater sediments for their potential to produce antimicrobial compounds. Microbial Cell Factories, 2018, 17, 68.	4.0	67
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