

Elsayed Fathi Abd_Allah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6467869/publications.pdf>

Version: 2024-02-01

292
papers

14,498
citations

22153

59
h-index

28297

105
g-index

314
all docs

314
docs citations

314
times ranked

12586
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	Phytohormones and Beneficial Microbes: Essential Components for Plants to Balance Stress and Fitness. Frontiers in Microbiology, 2017, 8, 2104.	3.5	448
3	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
4	Bacillus subtilis: A plant-growth promoting rhizobacterium that also impacts biotic stress. Saudi Journal of Biological Sciences, 2019, 26, 1291-1297.	3.8	442
5	Bacillus: A Biological Tool for Crop Improvement through Bio-Molecular Changes in Adverse Environments. Frontiers in Physiology, 2017, 8, 667.	2.8	423
6	Renewable energy in India: Current status and future potentials. Renewable and Sustainable Energy Reviews, 2010, 14, 2434-2442.	16.4	395
7	Potential non-edible oil resources as biodiesel feedstock: An Indian perspective. Renewable and Sustainable Energy Reviews, 2011, 15, 1791-1800.	16.4	357
8	Assessment of Subcellular ROS and NO Metabolism in Higher Plants: Multifunctional Signaling Molecules. Antioxidants, 2019, 8, 641.	5.1	310
9	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
10	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
11	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
12	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
13	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
14	Role of transgenic plants in agriculture and biopharming. Biotechnology Advances, 2012, 30, 524-540.	11.7	204
15	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
16	Jasmonic Acid Modulates the Physio-Biochemical Attributes, Antioxidant Enzyme Activity, and Gene Expression in Glycine max under Nickel Toxicity. Frontiers in Plant Science, 2016, 7, 591.	3.6	192
17	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
18	Arbuscular mycorrhizal symbiosis and abiotic stress in plants: A review. Journal of Plant Biology, 2016, 59, 407-426.	2.1	188

#	ARTICLE	IF	CITATIONS
19	Endophytic Fungi "Alternative Sources of Cytotoxic Compounds: A Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 309.	3.5	185
20	Soil microbiome: a key player for conservation of soil health under changing climate. <i>Biodiversity and Conservation</i> , 2019, 28, 2405-2429.	2.6	183
21	Selenium modulates dynamics of antioxidative defence expression, photosynthetic attributes and secondary metabolites to mitigate chromium toxicity in <i>Brassica juncea</i> L. plants. <i>Environmental and Experimental Botany</i> , 2019, 161, 180-192.	4.2	177
22	Rhizosphere microbiome: Engineering bacterial competitiveness for enhancing crop production. <i>Journal of Advanced Research</i> , 2020, 24, 337-352.	9.5	172
23	Combined use of biochar and zinc oxide nanoparticle foliar spray improved the plant growth and decreased the cadmium accumulation in rice (<i>Oryza sativa</i> L.) plant. <i>Environmental Science and Pollution Research</i> , 2019, 26, 11288-11299.	5.3	166
24	Endophytic bacterium <i>Bacillus subtilis</i> (BERA 71) improves salt tolerance in chickpea plants by regulating the plant defense mechanisms. <i>Journal of Plant Interactions</i> , 2018, 13, 37-44.	2.1	164
25	Arbuscular mycorrhizal fungi and biochar improves drought tolerance in chickpea. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 614-624.	3.8	140
26	Anti-biofilm and Antibacterial Activities of Silver Nanoparticles Synthesized by the Reducing Activity of Phytoconstituents Present in the Indian Medicinal Plants. <i>Frontiers in Microbiology</i> , 2020, 11, 1143.	3.5	139
27	<i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> causal agent of vascular wilt disease of tomato: Biology to diversity " A review. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1315-1324.	3.8	134
28	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
29	Influence of Arbuscular Mycorrhizal (AM) Fungi and Salinity on Seedling Growth, Solute Accumulation, and Mycorrhizal Dependency of <i>Jatropha curcas</i> L.. <i>Journal of Plant Growth Regulation</i> , 2010, 29, 297-306.	5.1	132
30	Exogenous Application of Selenium Mitigates Cadmium Toxicity in <i>Brassica juncea</i> L. (<i>Czern & Tj</i>) <i>ETQq0 0 0 rgBT /Overlock 10 Tf 5 Regulation</i> , 2016, 35, 936-950.	5.1	130
31	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
32	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
33	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
34	Biochar Treatment Resulted in a Combined Effect on Soybean Growth Promotion and a Shift in Plant Growth Promoting Rhizobacteria. <i>Frontiers in Microbiology</i> , 2016, 7, 209.	3.5	114
35	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
36	<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

#	ARTICLE	IF	CITATIONS
37	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
38	Examination of the Relationship Between Mandibular Position and Body Posture. <i>Cranio - Journal of Craniomandibular Practice</i> , 2007, 25, 237-249.	1.4	108
39	Exogenous application of calcium to 24-epibrassinosteroid pre-treated tomato seedlings mitigates NaCl toxicity by modifying ascorbate-glutathione cycle and secondary metabolites. <i>Scientific Reports</i> , 2018, 8, 13515.	3.3	105
40	Silver Nanoparticles Synthesized Using Wild Mushroom Show Potential Antimicrobial Activities against Food Borne Pathogens. <i>Molecules</i> , 2018, 23, 655.	3.8	102
41	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
42	Bioherbicides: Current knowledge on weed control mechanism. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 131-138.	6.0	98
43	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
44	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
45	Current developments in arbuscular mycorrhizal fungi research and its role in salinity stress alleviation: a biotechnological perspective. <i>Critical Reviews in Biotechnology</i> , 2015, 35, 461-474.	9.0	89
46	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
47	Spermine application alleviates salinity induced growth and photosynthetic inhibition in <i>Solanum lycopersicum</i> by modulating osmolyte and secondary metabolite accumulation and differentially regulating antioxidant metabolism. <i>Plant Physiology and Biochemistry</i> , 2019, 144, 1-13.	5.8	84
48	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
49	Plants endophytes: unveiling hidden agenda for bioprospecting toward sustainable agriculture. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 1210-1231.	9.0	81
50	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
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	Molecular Players of EF-hand Containing Calcium Signaling Event in Plants. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1476.	4.1	69
56	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
57	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
58	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
59	The Dynamic Changes of the Plasma Membrane Proteins and the Protective Roles of Nitric Oxide in Rice Subjected to Heavy Metal Cadmium Stress. <i>Frontiers in Plant Science</i> , 2016, 7, 190.	3.6	66
60	Genomics, molecular and evolutionary perspective of NAC transcription factors. <i>PLoS ONE</i> , 2020, 15, e0231425.	2.5	65
61	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
62	Production of gellan gum, an exopolysaccharide, from biodiesel-derived waste glycerol by <i>Sphingomonas</i> spp.. <i>3 Biotech</i> , 2018, 8, 71.	2.2	64
63	Genome Editing Tools in Plants. <i>Genes</i> , 2017, 8, 399.	2.4	63
64	Potential production of bioenergy from biomass in an Indian perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 39, 65-78.	16.4	62
65	The molecular mass and isoelectric point of plant proteomes. <i>BMC Genomics</i> , 2019, 20, 631.	2.8	62
66	Salinity Stress and Arbuscular Mycorrhizal Symbiosis in Plants. , 2014, , 139-159.		60
67	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
68	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
69	Jasmonic acid and methyl jasmonate modulate growth, photosynthetic activity and expression of photosystem II subunit genes in <i>Brassica oleracea</i> L. <i>Scientific Reports</i> , 2020, 10, 9322.	3.3	57
70	Microbial production of phytases for combating environmental phosphate pollution and other diverse applications. <i>Critical Reviews in Environmental Science and Technology</i> , 2016, 46, 556-591.	12.8	54
71	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
72	Arbuscular Mycorrhiza in Crop Improvement under Environmental Stress. , 2014, , 69-95.		52

#	ARTICLE	IF	CITATIONS
73	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
74	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. Plants, 2020, 9, 404.	3.5	52
75	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. Frontiers in Plant Science, 2016, 7, 869.	3.6	50
76	Pesticide degrading natural multidrug resistance bacterial flora. Microbial Pathogenesis, 2018, 114, 304-310.	2.9	50
77	Overexpression of PDX-II gene in potato (<i>Solanum tuberosum</i> L.) leads to the enhanced accumulation of vitamin B6 in tuber tissues and tolerance to abiotic stresses. Plant Science, 2018, 272, 267-275.	3.6	49
78	Analysis of genetic control and QTL mapping of essential wheat grain quality traits in a recombinant inbred population. PLoS ONE, 2019, 14, e0200669.	2.5	49
79	Systems biology approach in plant abiotic stresses. Plant Physiology and Biochemistry, 2017, 121, 58-73.	5.8	48
80	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
81	Biohydrogen production using kitchen waste as the potential substrate: A sustainable approach. Chemosphere, 2021, 271, 129537.	8.2	48
82	Gene Loss and Evolution of the Plastome. Genes, 2020, 11, 1133.	2.4	48
83	Mycorrhizal Association and ROS in Plants. , 2014, , 453-475.		47
84	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. Biomolecules, 2019, 9, 676.	4.0	47
85	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. Saudi Journal of Biological Sciences, 2016, 23, 741-748.	3.8	44
86	Plant defense approach of <i>Bacillus subtilis</i> (BERA 71) against <i>Macrophomina phaseolina</i> (Tassi) Goid in mung bean. Journal of Plant Interactions, 2017, 12, 390-401.	2.1	44
87	Enhancement of disease resistance, growth potential, and photosynthesis in tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 strain BPSAC147. PLoS ONE, 2019, 14, e0219014.	2.5	44
88	Elucidating the Mechanisms Underlying Enhanced Drought Tolerance in Plants Mediated by Arbuscular Mycorrhizal Fungi. Frontiers in Microbiology, 2021, 12, 809473.	3.5	43
89	Plant species and communities assessment in interaction with edaphic and topographic factors; an ecological study of the mount Eelum District Swat, Pakistan. Saudi Journal of Biological Sciences, 2017, 24, 778-786.	3.8	42
90	In-situ localization and biochemical analysis of bio-molecules reveals Pb-stress amelioration in <i>Brassica juncea</i> L. by co-application of 24-Epibrassinolide and Salicylic Acid. Scientific Reports, 2019, 9, 3524.	3.3	42

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	Phytomicrobiome for promoting sustainable agriculture and food security: Opportunities, challenges, and solutions. <i>Microbiological Research</i> , 2021, 248, 126763.	5.3	42
94	Upregulation of antioxidant and glyoxalase systems mitigates NaCl stress in <i>Brassica juncea</i> by supplementation of zinc and calcium. <i>Journal of Plant Interactions</i> , 2018, 13, 151-162.	2.1	41
95	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
96	Imidazolium Based Ionic Liquids: A Promising Green Solvent for Water Hyacinth Biomass Deconstruction. <i>Frontiers in Chemistry</i> , 2018, 6, 548.	3.6	41
97	Ethnomedicinal Evaluation of Medicinal Plants Used against Gastrointestinal Complaints. <i>BioMed Research International</i> , 2015, 2015, 1-14.	1.9	39
98	Life forms, leaf size spectra, regeneration capacity and diversity of plant species grown in the Thandiani forests, district Abbottabad, Khyber Pakhtunkhwa, Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 94-100.	3.8	38
99	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
100	Microbial cooperation in the rhizosphere improves liquorice growth under salt stress. <i>Bioengineered</i> , 2017, 8, 433-438.	3.2	37
101	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
102	Titanium dioxide and zinc oxide nanoparticles affect some bacterial diseases, and growth and physiological changes of beetroot. <i>International Journal of Vegetable Science</i> , 2019, 25, 409-430.	1.3	37
103	Insights into 28-homobrassinolide (HBR)-mediated redox homeostasis, AsA-GSH cycle, and methylglyoxal detoxification in soybean under drought-induced oxidative stress. <i>Journal of Plant Interactions</i> , 2020, 15, 371-385.	2.1	37
104	Effect of nanocellulose on mechanical and barrier properties of PVA-banana pseudostem fiber composite films. <i>Environmental Technology and Innovation</i> , 2021, 21, 101312.	6.1	36
105	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
106	Tapping the Role of Microbial Biosurfactants in Pesticide Remediation: An Eco-Friendly Approach for Environmental Sustainability. <i>Frontiers in Microbiology</i> , 2021, 12, 791723.	3.5	34
107	The Immediate Effect of Changing Mandibular Position on the EMG Activity of the Masseter, Temporalis, Sternocleidomastoid, and Trapezius Muscles. <i>Cranio - Journal of Craniomandibular Practice</i> , 2006, 24, 237-244.	1.4	33
108	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

#	ARTICLE	IF	CITATIONS
109	Optimization of nutrient stress using <i>C. pyrenoidosa</i> for lipid and biodiesel production in integration with remediation in dairy industry wastewater using response surface methodology. <i>3 Biotech</i> , 2018, 8, 326.	2.2	33
110	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
111	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
112	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
113	Java plum and amaltash seed biomass based bio-adsorbents for synthetic wastewater treatment. <i>Environmental Pollution</i> , 2021, 280, 116890.	7.5	30
114	Emerging frontiers in microbe-mediated pesticide remediation: Unveiling role of omics and In silico approaches in engineered environment. <i>Environmental Pollution</i> , 2022, 299, 118851.	7.5	30
115	Cd induced generation of free radical species in <i>Brassica juncea</i> is regulated by supplementation of earthworms in the drilosphere. <i>Science of the Total Environment</i> , 2019, 655, 663-675.	8.0	29
116	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
117	Bacterial Augmented Floating Treatment Wetlands for Efficient Treatment of Synthetic Textile Dye Wastewater. <i>Sustainability</i> , 2020, 12, 3731.	3.2	29
118	Herbal Teas and Drinks: Folk Medicine of the Manoor Valley, Lesser Himalaya, Pakistan. <i>Plants</i> , 2019, 8, 581.	3.5	27
119	Effects of Experimental Leg Length Discrepancies on Body Posture and Dental Occlusion. <i>Cranio - Journal of Craniomandibular Practice</i> , 2011, 29, 194-203.	1.4	26
120	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
121	Algal-based biofuel generation through flue gas and wastewater utilization: a sustainable prospective approach. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1419-1442.	4.6	26
122	Biodegradation of glycerol using bacterial isolates from soil under aerobic conditions. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 85-92.	1.7	24
123	Assessment of microwave-assisted alkali pretreatment for the production of sugars from banana fruit peel waste. <i>Biofuels</i> , 2019, 10, 3-10.	2.4	24
124	Carbon Monoxide Interacts with Auxin and Nitric Oxide to Cope with Iron Deficiency in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 112.	3.6	23
125	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
126	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

#	ARTICLE	IF	CITATIONS
127	Response of plant physiological attributes to altitudinal gradient: Plant adaptation to temperature variation in the Himalayan region. <i>Science of the Total Environment</i> , 2020, 706, 135714.	8.0	23
128	Plant Resources Utilization among Different Ethnic Groups of Ladakh in Trans-Himalayan Region. <i>Biology</i> , 2021, 10, 827.	2.8	23
129	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
130	Evaluation of gastrointestinal bacterial population for the production of holocellulose enzymes for biomass deconstruction. <i>PLoS ONE</i> , 2017, 12, e0186355.	2.5	22
131	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
132	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
133	Genomic and evolutionary aspects of chloroplast tRNA in monocot plants. <i>BMC Plant Biology</i> , 2019, 19, 39.	3.6	22
134	Metagenomic analysis displays the potential predictive biodegradation pathways of the persistent pesticides in agricultural soil with a long record of pesticide usage. <i>Microbiological Research</i> , 2022, 261, 127081.	5.3	22
135	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
136	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
137	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
138	High Temperature Induces Expression of Tobacco Transcription Factor NtMYC2a to Regulate Nicotine and JA Biosynthesis. <i>Frontiers in Physiology</i> , 2016, 7, 465.	2.8	20
139	Citric Acid Assisted Phytoremediation of Chromium through Sunflower Plants Irrigated with Tannery Wastewater. <i>Plants</i> , 2020, 9, 380.	3.5	20
140	Biological Efficacy of Essential Oils and Plant Extracts of Cultivated and Wild Ecotypes of <i>Origanum vulgare</i> L.. <i>BioMed Research International</i> , 2020, 2020, 1-16.	1.9	20
141	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
142	Contrasting cDNA-AFLP profiles between crown and leaf tissues of cold-acclimated wheat plants indicate differing regulatory circuitries for low temperature tolerance. <i>Plant Molecular Biology</i> , 2011, 75, 379-398.	3.9	19
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	Optimization of protease production from <i>Bacillus halodurans</i> under solid state fermentation using agrowastes. Saudi Journal of Biological Sciences, 2021, 28, 4263-4269.	3.8	19
147	Mycorrhizal fungi induced activation of tomato defense system mitigates <i>Fusarium</i> wilt stress. Saudi Journal of Biological Sciences, 2021, 28, 5442-5450.	3.8	19
148	Sustainable removal of arsenic from simulated wastewater using solid waste seed pods biosorbents of <i>Cassia fistula</i> L. Chemosphere, 2022, 287, 132308.	8.2	19
149	Bacterial synthesized metal and metal salt nanoparticles in biomedical applications: An up and coming approach. Applied Organometallic Chemistry, 2020, 34, e5810.	3.5	18
150	Salt tolerant <i>Methylobacterium mesophilicum</i> showed viable colonization abilities in the plant rhizosphere. Saudi Journal of Biological Sciences, 2015, 22, 585-590.	3.8	17
151	Assessment of different pretreatment technologies for efficient bioconversion of lignocellulose to ethanol. Frontiers in Bioscience - Scholar, 2018, 10, 350-371.	2.1	17
152	Draft Genome Sequence of Plant Growth-Promoting Endophytic Microbacterium <i>hydrothermale</i> BPSAC84, Isolated from the Medicinal Plant <i>Mirabilis jalapa</i> . Microbiology Resource Announcements, 2019, 8, .	0.6	17
153	Iron Oxide (Fe ₃ O ₄)-Supported SiO ₂ Magnetic Nanocomposites for Efficient Adsorption of Fluoride from Drinking Water: Synthesis, Characterization, and Adsorption Isotherm Analysis. Water (Switzerland), 2021, 13, 1514.	2.7	17
154	Promotion of Growth and Physiological Characteristics in Water-Stressed <i>Triticum aestivum</i> in Relation to Foliar-Application of Salicylic Acid. Water (Switzerland), 2021, 13, 1316.	2.7	17
155	Isolation and Characterization of Endophytes Bacterial Strains of <i>Momordica charantia</i> L. and Their Possible Approach in Stress Management. Microorganisms, 2022, 10, 290.	3.6	17
156	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
157	Responsive Proteins in Wheat Cultivars with Contrasting Nitrogen Efficiencies under the Combined Stress of High Temperature and Low Nitrogen. Genes, 2017, 8, 356.	2.4	16
158	Biomass breakdown A review on pretreatment instrumentations and methods. Frontiers in Bioscience - Elite, 2018, 10, 155-174.	1.8	16
159	Fly-Ash Pollution Modulates Growth, Biochemical Attributes, Antioxidant Activity and Gene Expression in <i>Pithecellobium Dulce</i> (Roxb) Benth.. Plants, 2019, 8, 528.	3.5	16
160	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. International Journal of Molecular Sciences, 2020, 21, 7364.	4.1	16
161	Biomedical and therapeutic potential of exopolysaccharides by <i>Lactobacillus paracasei</i> isolated from sauerkraut: Screening and characterization. Saudi Journal of Biological Sciences, 2021, 28, 2943-2950.	3.8	16
162	Sustainable Chromium Recovery From Wastewater Using Mango and Jackfruit Seed Kernel Bio-Adsorbents. Frontiers in Microbiology, 2021, 12, 717848.	3.5	16

#	ARTICLE	IF	CITATIONS
163	Long-Term Impact of Transhumance Pastoralism and Associated Disturbances in High-Altitude Forests of Indian Western Himalaya. <i>Sustainability</i> , 2021, 13, 12497.	3.2	16
164	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
165	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
166	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
167	<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
168	Complete Genome Sequence of <i>Lactobacillus plantarum</i> Strain JDARSH, Isolated from Sheep Milk. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	15
169	Mycorrhizal Fungal Diversity and Its Relationship with Soil Properties in <i>Camellia oleifera</i> . <i>Agriculture (Switzerland)</i> , 2021, 11, 470.	3.1	15
170	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
171	Response of different plant species to pollution emitted from oil and gas plant with special reference to heavy metals accumulation. <i>Pakistan Journal of Botany</i> , 2019, 51, .	0.5	15
172	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
173	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
174	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
175	Role of algalization in rice growth, yield and incidence of infestation with the stem borer <i>Chilo agamemnon</i> Bles. and the leaf miner <i>Hydrellia prosternalis</i> Deeming in the Nile Delta. <i>World Journal of Microbiology and Biotechnology</i> , 1990, 6, 383-389.	3.6	14
176	Affecting Upper Extremity Strength by Changing Maxillo-Mandibular Vertical Dimension in Deep Bite Subjects. <i>Cranio - Journal of Craniomandibular Practice</i> , 2004, 22, 268-275.	1.4	14
177	Effect of seed treatment of <i>Arachis hypogaea</i> with <i>Bacillus subtilis</i> on nodulation in biocontrol of southern blight (<i>Sclerotium rolfsii</i>) disease. <i>Phytoparasitica</i> , 2007, 35, 8-12.	1.2	14
178	Non-chemical strategies to control postharvest losses and extend the shelf life of table grape fruits. <i>Biological Agriculture and Horticulture</i> , 2013, 29, 82-90.	1.0	14
179	Traditional phytomedicines for gynecological problems used by tribal communities of Mohmand Agency near the Pak-Afghan border area. <i>Revista Brasileira De Farmacognosia</i> , 2018, 28, 503-511.	1.4	14
180	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

#	ARTICLE	IF	CITATIONS
181	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
182	ROLE OF MULTIVARIATE APPROACHES IN FLORISTIC DIVERSITY OF MANOOR VALLEY (HIMALAYAN REGION), PAKISTAN. <i>Applied Ecology and Environmental Research</i> , 2019, 17, 1475-1498.	0.5	14
183	Species Diversity, Growing Stock Variables and Carbon Mitigation Potential in the Phytocoenosis of <i>Monotheca buxifolia</i> Forests along Altitudinal Gradient across Pakistan. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1292.	2.5	14
184	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
185	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
186	Role of AM Fungi in Alleviating Drought Stress in Plants. , 2014, , 55-75.		13
187	Strigolactones Modulate Cellular Antioxidant Defense Mechanisms to Mitigate Arsenate Toxicity in Rice Shoots. <i>Antioxidants</i> , 2021, 10, 1815.	5.1	13
188	Enhancing Nutritional Contents of <i>Lentinus sajor-caju</i> Using Residual Biogas Slurry Waste of Detoxified Mahua Cake Mixed with Wheat Straw. <i>Frontiers in Microbiology</i> , 2016, 7, 1529.	3.5	12
189	Microbially Assisted Phytoremediation of Heavy Metalâ€œContaminated Soils. , 2016, , 483-498.		12
190	Non-edible Oil Cakes as a Novel Substrate for DPA Production and Augmenting Biocontrol Activity of <i>Paecilomyces variotii</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 753.	3.5	12
191	Evaluation of some heavy metals toxicity in <i>Channa punctatus</i> and riverine water of Kosi in Rampur, Uttar Pradesh, India. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1191-1194.	3.8	12
192	Tapping Into Actinobacterial Genomes for Natural Product Discovery. <i>Frontiers in Microbiology</i> , 2021, 12, 655620.	3.5	12
193	The Change in Fatty Acids and Sugars Reveals the Association between Trifoliolate Orange and Endophytic Fungi. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 716.	3.5	12
194	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
195	PHENOLOGICAL PLASTICITY IN <i>BERBERIS LYCIUM ROYLE</i> ALONG TEMPORAL AND ALTITUDINAL GRADIENTS. <i>Applied Ecology and Environmental Research</i> , 2019, 17, 331-341.	0.5	12
196	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
197	Mycorrhizal fungal community structure in tropical humid soils under fallow and cropping conditions. <i>Scientific Reports</i> , 2018, 8, 17061.	3.3	11
198	Increased temperature induces leafhopper outbreak in rice field. <i>Journal of Applied Entomology</i> , 2019, 143, 867-874.	1.8	11

#	ARTICLE	IF	CITATIONS
199	Efficacy of red light for enhanced cell disruption and fluorescence intensity of phycocyanin. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 141-150.	3.4	11
200	<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
201	Role of Biostimulants for Enhancing Abiotic Stress Tolerance in Fabaceae Plants. , 2020, , 223-236.		11
202	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
203	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
204	Seed mycoflora of <i>Lens esculenta</i> and their biocontrol by chitosan. <i>Phytoparasitica</i> , 2006, 34, 213-218.	1.2	10
205	Arbuscular Mycorrhizal Fungi and Plant Stress Tolerance. <i>Microorganisms for Sustainability</i> , 2018, , 81-103.	0.7	10
206	Biological soil crust (BSC) is an effective biofertilizer on <i>Vigna mungo</i> (L.). <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2325-2332.	3.8	10
207	Biological control of yeast contamination of industrial foods by propolis. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 935-946.	3.8	10
208	Phytoconstituents of an ethanolic pod extract of <i>Prosopis cineraria</i> triggers the inhibition of HMG-CoA reductase and the regression of atherosclerotic plaque in hypercholesterolemic rabbits. <i>Lipids in Health and Disease</i> , 2020, 19, 6.	3.0	10
209	Arbuscular Mycorrhizal Fungi Isolated from Highly Saline "Sabkha Habitat" Soil Alleviated the NaCl-Induced Stress and Improved <i>Lasiurus scindicus</i> Henr. Growth. <i>Agriculture (Switzerland)</i> , 2022, 12, 337.	3.1	10
210	Taxonomical and functional bacterial community profiling in disease-resistant and disease-susceptible soybean cultivars. <i>Brazilian Journal of Microbiology</i> , 2022, 53, 1355-1370.	2.0	10
211	Effect of Salinity and Temperature on the Seed Germination and Seedling Growth of Desert Forage Grass <i>Lasiurus scindicus</i> Henr.. <i>Sustainability</i> , 2022, 14, 8387.	3.2	10
212	Breathing pattern and occlusion pressure during exercise in pre- and peripubertal swimmers. <i>Respiration Physiology</i> , 1986, 65, 351-364.	2.7	9
213	<i>Bacillus subtilis</i> as an alternative biologically based strategy for controlling <i>Fusarium</i> wilt disease in tomato: A histological study. <i>Phytoparasitica</i> , 2007, 35, 474-478.	1.2	9
214	Plant Hormones as Key Regulators in Plant-Microbe Interactions Under Salt Stress. <i>Microorganisms for Sustainability</i> , 2018, , 165-182.	0.7	9
215	Conversion of Cytochrome P450 2D6 of Human Into a FRET-Based Tool for Real-Time Monitoring of Ajmalicine in Living Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 375.	4.1	9
216	MALDI-TOF-MS and 16S rRNA characterization of lead tolerant metallophile bacteria isolated from saffron soils of Kashmir for their sequestration potential. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2047-2053.	3.8	9

#	ARTICLE	IF	CITATIONS
217	Plant Growth-promoting and Bio-control Activity of <i>Micrococcus luteus</i> Strain AKAD 3-5 Isolated from the Soybean (<i>Glycine max</i> (L.) Merr.) Rhizosphere. <i>Open Microbiology Journal</i> , 2021, 15, 188-197.	0.7	9
218	Biological Control of Fungal Disease by Rhizobacteria under Saline Soil Conditions. , 2014, , 161-172.		8
219	Cloning and Expression of the Organophosphate Pesticide-Degrading <i>phoA</i> Hydrolase Gene in Plasmid pMK-07 to Confer Cross-Resistance to Antibiotics. <i>BioMed Research International</i> , 2018, 2018, 1-13.	1.9	8
220	In Vitro Antimicrobial and Antioxidant Activities of <i>Lactobacillus coryniformis</i> BCH-4 Bioactive Compounds and Determination of their Bioprotective Effects on Nutritional Components of Maize (<i>Zea mays</i> L.). <i>Molecules</i> , 2020, 25, 4685.	3.8	8
221	Virtual 2-D map of the fungal proteome. <i>Scientific Reports</i> , 2021, 11, 6676.	3.3	8
222	Thermal studies of biomass obtained from the seeds of <i>Syzygium cumini</i> and <i>Cassia fistula</i> L. and peel of <i>Cassia fistula</i> L. fruit. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 7601-7612.	4.6	8
223	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 <i>Withania coagulans</i> . <i>Nutrition and Metabolism</i> , 2021, 18, 43.	3.0	8
224	Integrated process approach for degradation of p-cresol pollutant under photocatalytic reactor using activated carbon/TiO ₂ nanocomposite: application in wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61811-61820.	5.3	8
225	Unraveling the Interaction between Arbuscular Mycorrhizal Fungi and <i>Camellia</i> Plants. <i>Horticulturae</i> , 2021, 7, 322.	2.8	8
226	Pyrosequencing and phenotypic microarray to decipher bacterial community variation in <i>Sorghum bicolor</i> (L.) Moench rhizosphere. <i>Current Research in Microbial Sciences</i> , 2021, 2, 100025.	2.3	8
227	ECOLOGICAL ASSESSMENT OF PLANT COMMUNITIES ALONG THE EDAPHIC AND TOPOGRAPHIC GRADIENTS OF BIHA VALLEY, DISTRICT SWAT, PAKISTAN. <i>Applied Ecology and Environmental Research</i> , 2018, 16, 5611-5631.	0.5	8
228	Taxonomic and Functional Annotation of Termite Degraded <i>Butea monosperma</i> (Lam.) Kuntze (Flame of Tj ETQq0.0.0 rgBT /gverlock 1	0.7	8
229	Integrating Microbiome Network: Establishing Linkages Between Plants, Microbes and Human Health. <i>Open Microbiology Journal</i> , 2019, 13, 330-342.	0.7	8
230	Ethnoveterinary Practices of Medicinal Plants Among Tribes of Tribal District of North Waziristan, Khyber Pakhtunkhwa, Pakistan. <i>Frontiers in Veterinary Science</i> , 2022, 9, 815294.	2.2	8
231	Process optimization of cypermethrin biodegradation by regression analysis and parametric modeling along with biochemical degradation pathway. <i>Environmental Science and Pollution Research</i> , 2022, 29, 77418-77427.	5.3	8
232	Lipid metabolism in tomato and bean as a sensitive monitor for biocontrol of wilt diseases. <i>Phytoparasitica</i> , 2006, 34, 516-522.	1.2	7
233	Effects of interaction of <i>Meloidogyne incognita</i> , <i>Alternaria dauci</i> and <i>Rhizoctonia solani</i> on the growth, chlorophyll, carotenoid and proline contents of carrot in three types of soil. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2019, 69, 324-331.	0.6	7
234	Easily Extractable Glomalin-Related Soil Protein as Foliar Spray Improves Nutritional Qualities of Late Ripening Sweet Oranges. <i>Horticulturae</i> , 2021, 7, 228.	2.8	7

#	ARTICLE	IF	CITATIONS
235	Molecular docking studies of natural alkaloids as acetylcholinesterase (AChE1) inhibitors in <i>Aedes aegypti</i> . <i>Journal of Asia-Pacific Entomology</i> , 2021, 24, 645-652.	0.9	7
236	Arbuscular mycorrhizal fungi alleviate salt stress in lupine (<i>Lupinus termis</i> Forsk) through modulation of antioxidant defense systems and physiological traits. <i>Legume Research</i> , 2016, 39, .	0.1	7
237	Dual Inhibition of DPP-4 and Cholinesterase Enzymes by the Phytoconstituents of the Ethanolic Extract of <i>Prosopis cineraria</i> Pods: Therapeutic Implications for the Treatment of Diabetes-associated Neurological Impairments. <i>Current Alzheimer Research</i> , 2020, 16, 1230-1244.	1.4	7
238	Species Distribution Pattern and Their Contribution in Plant Community Assembly in Response to Ecological Gradients of the Ecotonal Zone in the Himalayan Region. <i>Plants</i> , 2021, 10, 2372.	3.5	7
239	Bioremediation of cadmium induced renal toxicity in <i>Rattus norvegicus</i> by medicinal plant <i>Catharanthus roseus</i> . <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1739-1742.	3.8	6
240	Manipulation of Plant Growth Regulators on Phytochemical Constituents and DNA Protection Potential of the Medicinal Plant <i>Arnebia benthamii</i> . <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	6
241	Ecophysiological Plasticity and Cold Stress Adaptation in Himalayan Alpine Herbs: <i>Bistorta affinis</i> and <i>Sibbaldia procumbens</i> . <i>Plants</i> , 2019, 8, 378.	3.5	6
242	Construction of anti-codon table of the plant kingdom and evolution of tRNA selenocysteine (tRNA ^{Sec}). <i>BMC Genomics</i> , 2020, 21, 804.	2.8	6
243	Exogenous Glomalin-Related Soil Proteins Differentially Regulate Soil Properties in Trifoliolate Orange. <i>Agronomy</i> , 2021, 11, 1896.	3.0	6
244	Biochemical and Molecular Approaches for Drought Tolerance in Plants. , 2014, , 1-29.		6
245	Maintenance of <i>Ephedra alata</i> Seeds Viability via Storage Containers. <i>American Journal of Plant Sciences</i> , 2010, 01, 138-146.	0.8	6
246	In Silico Core Proteomics and Molecular Docking Approaches for the Identification of Novel Inhibitors against <i>Streptococcus pyogenes</i> . <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11355.	2.6	6
247	Mycorrhiza improves plant growth and photosynthetic characteristics of tea plants in response to drought stress. <i>Biocell</i> , 2022, 46, 1339-1346.	0.7	6
248	Mycorrhiza improves cold tolerance of Satsuma orange by inducing antioxidant enzyme gene expression. <i>Biocell</i> , 2022, 46, 1959-1966.	0.7	6
249	Ameliorations in dyslipidemia and atherosclerotic plaque by the inhibition of HMG-CoA reductase and antioxidant potential of phytoconstituents of an aqueous seed extract of <i>Acacia senegal</i> (L.) Willd in rabbits. <i>PLoS ONE</i> , 2022, 17, e0264646.	2.5	6
250	Phylogenetic affiliation and determination of bioactive compounds of bacterial population associated with organs of mud crab, <i>Scylla olivacea</i> . <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1743-1754.	3.8	5
251	Analysis of genomic tRNA revealed presence of novel genomic features in cyanobacterial tRNA. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 124-133.	3.8	5
252	Real-Time Optical Detection of Isoleucine in Living Cells through a Genetically-Encoded Nanosensor. <i>Sensors</i> , 2020, 20, 146.	3.8	5

#	ARTICLE	IF	CITATIONS
253	Diversity of Medicinal Plants among Different Tree Canopies. Sustainability, 2021, 13, 2640.	3.2	5
254	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
255	Impact of Human Settlements on Diversity of Range Vegetation. Sustainability, 2022, 14, 519.	3.2	5
256	Antimicrobial screening of polyherbal formulations traditionally used against gastrointestinal diseases. Saudi Journal of Biological Sciences, 2021, 28, 6829-6843.	3.8	4
257	Protective role of gamma aminobutyric acid on Cassia italica Mill under salt stress. Legume Research, 2015, , .	0.1	4
258	Bioagent consortia assisted suppression in grey blight disease with enhanced leaf nutrients and biochemical properties of tea (Camellia sinensis). Biological Control, 2022, 170, 104907.	3.0	4
259	Classification and Characterization of the Manoor Valley's (Lesser Himalaya) Vegetation from the Subtropical-Temperate Ecotonal Forests to the Alpine Pastures along Ecological Variables. Plants, 2022, 11, 87.	3.5	4
260	Mycorrhizal symbiosis improved drought resistance in wheat using physiological traits. Cereal Research Communications, 0, , .	1.6	4
261	Seed mycoflora of Ephedra aphylla and amino acid profile of seed-borne Aspergillus flavus. Acta Microbiologica Et Immunologica Hungarica, 2012, 59, 311-320.	0.8	3
262	The morpho-agronomic characterization study of Lens culinaris germplasm under salt marsh habitat in Swat, Pakistan. Saudi Journal of Biological Sciences, 2017, 24, 1639-1645.	3.8	3
263	Proteome Profiling of the Mutagen-Induced Morphological and Yield Macro-Mutant Lines of Nigella sativa L.. Plants, 2019, 8, 321.	3.5	3
264	Silver nanoparticles containing stearic acid isolated from Catharanthus roseus: Ovicidal and oviposition-deterrent activities on Earias vittella and ecotoxicological studies. Pesticide Biochemistry and Physiology, 2020, 168, 104640.	3.6	3
265	COVID-19 " Important considerations for developing and using a vaccine. Human Vaccines and Immunotherapeutics, 2021, 17, 414-415.	3.3	3
266	Contamination of groundwater resources by pesticides. , 2021, , 99-107.		3
267	Identification of PtGai (a DELLA protein) in trifoliolate orange and expression patterns in response to drought stress. Biocell, 2021, 45, 1687-1694.	0.7	3
268	Diversity of traditionally used polyherbal medicines. Pakistan Journal of Botany, 2021, 53, .	0.5	3
269	Physiological markers mitigate drought stress in Panicum turgidum Forssk. by arbuscular mycorrhizal fungi. Pakistan Journal of Botany, 2019, 51, .	0.5	3
270	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

#	ARTICLE	IF	CITATIONS
271	Analysis of mutations of defensin protein using accelerated molecular dynamics simulations. PLoS ONE, 2020, 15, e0241679.	2.5	3
272	Design, Development, and Performance Evaluation of a Trash-Board Moldboard Plow for the Interaction between Soil and Straw with Two Different Water Content Levels. Agronomy, 2016, 6, 30.	3.0	2
273	Draft Genome Sequence of <i>Streptomyces thermocarboxydus</i> BPSAC147, a Potentially Plant Growth-Promoting Endophytic Bacterium. Microbiology Resource Announcements, 2019, 8, .	0.6	2
274	Global Trends in Phytohormone Research: Google Trends Analysis Revealed African Countries Have Higher Demand for Phytohormone Information. Plants, 2020, 9, 1248.	3.5	2
275	The Influence of Mycorrhizal Fungi on the Accumulation of Sennosides A and B in <i>Senna alexandrina</i> and <i>Senna italica</i> . Separations, 2020, 7, 65.	2.4	2
276	Karyomorphological effects of two new oil formulations on <i>Helicoverpa armigera</i> (Hä¼bner) (Lepidoptera: Noctuidae). Saudi Journal of Biological Sciences, 2021, 28, 1514-1518.	3.8	2
277	Impact of rhizobacterium <i>Bacillus sonorensis</i> on propagation of <i>Abelmoschus esculentus</i> and its antimicrobial activity. Journal of King Saud University - Science, 2021, 33, 101496.	3.5	2
278	Amplification, sequencing and characterization of pectin methyl esterase inhibitor 51 gene in <i>Tectona grandis</i> L.f.. Saudi Journal of Biological Sciences, 2021, 28, 5451-5460.	3.8	2
279	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
280	Cadmium Stress Tolerance in Plants and Role of Beneficial Soil Microorganisms. Microorganisms for Sustainability, 2019, , 213-234.	0.7	2
281	The use of rhizobium and mycorrhizae in soil containing rhizobiophage to improve growth and nodulation of cowpea. Scientia Agricola, 2022, 79, .	1.2	2
282	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
283	The Effectiveness of Protected Areas in Conserving Globally Threatened Western Tragopan <i>Tragopan melanocephalus</i> . Animals, 2021, 11, 680.	2.3	1
284	Isolation and identification of <i>Mycobacterium bovis</i> and <i>Mycobacterium tuberculosis</i> from animal tissues by conventional and molecular method. Indian Journal of Animal Research, 2015, , .	0.1	1
285	GENETIC DIVERSITY WITHIN NATURAL POPULATIONS OF THE MEDICINAL PLANT <i>RHYNCHOSIA MINIMA</i> (L.) DC.. Applied Ecology and Environmental Research, 2018, 16, 5633-5651.	0.5	1
286	Comparative Physiological, Biochemical, and Proteomic Responses of Photooxidation-Prone Rice Mutant 812HS under High Light Conditions. Agronomy, 2021, 11, 2225.	3.0	1
287	Transcriptomic Analysis of Late-Ripening Sweet Orange Fruits (<i>Citrus sinensis</i>) after Foliar Application of Glomalin-Related Soil Proteins. Agriculture (Switzerland), 2021, 11, 1171.	3.1	1
288	Efficacy, Energy Budgeting, and Carbon Footprints of Weed Management in Blackgram (<i>Vigna mungo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.25	1

#	ARTICLE	IF	CITATIONS
289	Serum protein profile of Malaria patients through SDS-PAGE method. Tropical Journal of Obstetrics and Gynaecology, 2016, 13, 35.	0.3	0
290	Desert Truffles in Saudi Arabia: Diversity, Ecology, and Conservation. Soil Biology, 2018, , 353-369.	0.8	0
291	Draft Genome Sequence of Freshwater-Derived <i>Streptomyces</i> sp. Strain BPSDS2, Isolated from Damte Stream, Northeast India. Microbiology Resource Announcements, 2019, 8, .	0.6	0
292	First insights into the crustose lichen diversity of Musk Deer National Park, with new records to Pakistan. Pakistan Journal of Botany, 2020, 52, .	0.5	0