

Abdul Latif Khan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197
papers

7,678
citations

48
h-index

79
g-index

202
ext. papers

9,762
ext. citations

4.2
avg. IF

6.27
L-index

#	Paper	IF	Citations
197	Unraveling the Genome Sequence of Plant Growth Promoting (CSR3) Provides Insight into the Synthesis of Secondary Metabolites and Its Comparative Genomics.. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8,	5.6	2
196	Uncovering the first complete plastome genomics, comparative analyses, and phylogenetic dispositions of endemic medicinal plant <i>Ziziphus hajarensis</i> (Rhamnaceae).. <i>BMC Genomics</i> , 2022 , 23, 83	4.5	1
195	Mangrove rhizospheric engineering with bacterial inoculation improve degradation of diesel contamination. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127046	12.8	4
194	Microbiome Variation Across Populations of Desert Halophyte .. <i>Frontiers in Plant Science</i> , 2022 , 13, 8412617	4.5	1
193	Silicon- and Boron-Induced Physio-Biochemical Alteration and Organic Acid Regulation Mitigates Aluminum Phytotoxicity in Date Palm Seedlings. <i>Antioxidants</i> , 2022 , 11, 1063	7.1	0
192	Transcriptomics of tapping and healing process in frankincense tree during resin production. <i>Genomics</i> , 2021 , 113, 4337-4351	4.3	1
191	From Traditional Breeding to Genome Editing for Boosting Productivity of the Ancient Grain Tef [(Zucc.) Trotter]. <i>Plants</i> , 2021 , 10,	4.5	6
190	Spectroscopic and Molecular Methods to Differentiate Gender in Immature Date Palm (L.). <i>Plants</i> , 2021 , 10,	4.5	2
189	Molecular epidemiology of COVID-19 in Oman: A molecular and surveillance study for the early transmission of COVID-19 in the country. <i>International Journal of Infectious Diseases</i> , 2021 , 104, 139-149	10.5	6
188	Decoding first complete chloroplast genome of toothbrush tree (<i>Salvadora persica</i> L.): insight into genome evolution, sequence divergence and phylogenetic relationship within Brassicales. <i>BMC Genomics</i> , 2021 , 22, 312	4.5	2
187	Silicon Effects on the Root System of Diverse Crop Species Using Root Phenotyping Technology. <i>Plants</i> , 2021 , 10,	4.5	4
186	Biosynthetic diversity in triterpene cyclization within the <i>Boswellia</i> genus. <i>Phytochemistry</i> , 2021 , 184, 112660	4	2
185	Exogenous melatonin induces drought stress tolerance by promoting plant growth and antioxidant defence system of soybean plants. <i>AoB PLANTS</i> , 2021 , 13, plab026	2.9	24
184	Mangrove tree (<i>Avicennia marina</i>): insight into chloroplast genome evolutionary divergence and its comparison with related species from family Acanthaceae. <i>Scientific Reports</i> , 2021 , 11, 3586	4.9	4
183	Exogenous Melatonin mediates the regulation of endogenous nitric oxide in <i>Glycine max</i> L. to reduce effects of drought stress. <i>Environmental and Experimental Botany</i> , 2021 , 188, 104511	5.9	12
182	Melatonin Ameliorates Thermotolerance in Soybean Seedling through Balancing Redox Homeostasis and Modulating Antioxidant Defense, Phytohormones and Polyamines Biosynthesis. <i>Molecules</i> , 2021 , 26,	4.8	11
181	The dynamic history of gymnosperm plastomes: Insights from structural characterization, comparative analysis, phylogenomics, and time divergence. <i>Plant Genome</i> , 2021 , 14, e20130	4.4	0

180	Silicon and Gibberellins: Synergistic Function in Harnessing ABA Signaling and Heat Stress Tolerance in Date Palm (L.). <i>Plants</i> , 2020 , 9,	4.5	21
179	Unraveling the Chloroplast Genomes of Two Species to Identify Its Genomic Information, Comparative Analyses and Phylogenetic Relationship. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
178	Thermotolerance effect of plant growth-promoting <i>Bacillus cereus</i> SA1 on soybean during heat stress. <i>BMC Microbiology</i> , 2020 , 20, 175	4.5	65
177	Silicon-induced thermotolerance in <i>Solanum lycopersicum</i> L. via activation of antioxidant system, heat shock proteins, and endogenous phytohormones. <i>BMC Plant Biology</i> , 2020 , 20, 248	5.3	27
176	Expanded inverted repeat region with large scale inversion in the first complete plastid genome sequence of <i>Plantago ovata</i> . <i>Scientific Reports</i> , 2020 , 10, 3881	4.9	18
175	Complete Genome Sequence of CS51, a Plant Growth-Promoting Bacterium, Under Heavy Metal Stress Conditions. <i>Microorganisms</i> , 2020 , 8,	4.9	20
174	Rhizosphere Microbiome of Arid Land Medicinal Plants and Extra Cellular Enzymes Contribute to Their Abundance. <i>Microorganisms</i> , 2020 , 8,	4.9	21
173	Comparative Chloroplast Genomics of Endangered Species: Insights into Hotspot Divergence, Repetitive Sequence Variation, and Phylogeny. <i>Plants</i> , 2020 , 9,	4.5	7
172	Extending thermotolerance to tomato seedlings by inoculation with SA1 isolate of <i>Bacillus cereus</i> and comparison with exogenous humic acid application. <i>PLoS ONE</i> , 2020 , 15, e0232228	3.7	32
171	Diketopeprazin and Methyl-5-docosenoate from endophytic fungi <i>Aureobasidium pollulan</i> BSS6 with β Glucosidase inhibition and its validation through molecular docking. <i>South African Journal of Botany</i> , 2020 , 134, 322-328	2.9	4
170	Inoculation with Indole-3-Acetic Acid-Producing Rhizospheric KE149 Augments Growth of Adzuki Bean Plants Under Water Stress. <i>Journal of Microbiology and Biotechnology</i> , 2020 , 30, 717-725	3.3	9
169	Silicon-mediated alleviation of combined salinity and cadmium stress in date palm (<i>Phoenix dactylifera</i> L.) by regulating physio-hormonal alteration. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 188, 109885	7	39
168	: from diversity and genomics to functional role in environmental remediation and plant growth. <i>Critical Reviews in Biotechnology</i> , 2020 , 40, 138-152	9.4	72
167	Genome-wide analysis revealed novel molecular features and evolution of Anti-codons in cyanobacterial tRNAs. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 1195-1200	4	
166	Construction of anti-codon table of the plant kingdom and evolution of tRNA selenocysteine (tRNA). <i>BMC Genomics</i> , 2020 , 21, 804	4.5	1
165	Complete Chloroplast Genome Characterization of and Its Comparison with Related Species from Family Oxalidaceae. <i>Plants</i> , 2020 , 9,	4.5	5
164	Transcriptomic analysis of Dubas bug (<i>Ommatissus lybicus</i> Bergevin) infestation to Date Palm. <i>Scientific Reports</i> , 2020 , 10, 11505	4.9	3
163	Melatonin: Awakening the Defense Mechanisms during Plant Oxidative Stress. <i>Plants</i> , 2020 , 9,	4.5	44

162	Silicon in Horticultural Crops: Cross-talk, Signaling, and Tolerance Mechanism under Salinity Stress. <i>Plants</i> , 2020 , 9,	4.5	20
161	Halotolerant Rhizobacterial Strains Mitigate the Adverse Effects of NaCl Stress in Soybean Seedlings. <i>BioMed Research International</i> , 2019 , 2019, 9530963	3	38
160	Integrated phytohormone production by the plant growth-promoting rhizobacterium <i>Bacillus tequilensis</i> SSB07 induced thermotolerance in soybean. <i>Journal of Plant Interactions</i> , 2019 , 14, 416-423	3.8	32
159	Metabolic and proteomic alteration in phytohormone-producing endophytic <i>Bacillus amyloliquefaciens</i> RWL-1 during methanol utilization. <i>Metabolomics</i> , 2019 , 15, 16	4.7	16
158	Genomic and evolutionary aspects of chloroplast tRNA in monocot plants. <i>BMC Plant Biology</i> , 2019 , 19, 39	5.3	13
157	Taxonomy, Distribution and Ecology of <i>Boswellia</i> 2019 , 11-34		2
156	Frankincense: Tapping, Harvesting and Production 2019 , 35-51		
155	Frankincense Tree Physiology and Its Responses to Wounding Stress 2019 , 53-70		1
154	Microbial Communities Accompanying Cultivated and Wild <i>Boswellia sacra</i> Trees 2019 , 123-132		1
153	Endophytic Microbial Communities of <i>Boswellia</i> 2019 , 133-151		
152	Resin Composition and Structural Diversity 2019 , 153-162		
151	Indole-3-acetic-acid and ACC deaminase producing <i>Leclercia adecarboxylata</i> MO1 improves <i>Solanum lycopersicum</i> L. growth and salinity stress tolerance by endogenous secondary metabolites regulation. <i>BMC Microbiology</i> , 2019 , 19, 80	4.5	75
150	Molecular Players of EF-hand Containing Calcium Signaling Event in Plants. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	34
149	Growth-promoting bioactivities of <i>Bipolaris</i> sp. CSL-1 isolated from <i>Cannabis sativa</i> suggest a distinctive role in modifying host plant phenotypic plasticity and functions. <i>Acta Physiologiae Plantarum</i> , 2019 , 41, 1	2.6	12
148	Biotransformation of benzoin by <i>Sphingomonas</i> sp. LK11 and ameliorative effects on growth of <i>Cucumis sativus</i> . <i>Archives of Microbiology</i> , 2019 , 201, 591-601	3	8
147	Halo-tolerant rhizospheric <i>Arthrobacter woluwensis</i> AK1 mitigates salt stress and induces physio-hormonal changes and expression of GmST1 and GmLAX3 in soybean. <i>Symbiosis</i> , 2019 , 77, 9-21	3	33
146	Endophytic <i>Aureobasidium pullulans</i> BSS6 assisted developments in phytoremediation potentials of <i>Cucumis sativus</i> under Cd and Pb stress. <i>Journal of Plant Interactions</i> , 2019 , 14, 303-313	3.8	21
145	Phytohormones enabled endophytic <i>Penicillium funiculosum</i> LHL06 protects <i>Glycine max</i> L. from synergistic toxicity of heavy metals by hormonal and stress-responsive proteins modulation. <i>Journal of Hazardous Materials</i> , 2019 , 379, 120824	12.8	38

144	Silicon and Salinity: Crosstalk in Crop-Mediated Stress Tolerance Mechanisms. <i>Frontiers in Plant Science</i> , 2019 , 10, 1429	6.2	53
143	Complete chloroplast genomes of medicinally important species and comparative analyses with related species from Lamiaceae. <i>PeerJ</i> , 2019 , 7, e7260	3.1	8
142	Rhizobacteria AK1 remediates the toxic effects of salinity stress via regulation of endogenous phytohormones and gene expression in soybean. <i>Biochemical Journal</i> , 2019 , 476, 2393-2409	3.8	23
141	Amelioration of heavy metal stress by endophytic <i>Bacillus amyloliquefaciens</i> RWL-1 in rice by regulating metabolic changes: potential for bacterial bioremediation. <i>Biochemical Journal</i> , 2019 , 476, 3385-3400	3.8	21
140	Silicon and salicylic acid confer high-pH stress tolerance in tomato seedlings. <i>Scientific Reports</i> , 2019 , 9, 19788	4.9	34
139	Secondary metabolites from the resins of <i>Aloe vera</i> and <i>Commiphora mukul</i> mitigate lipid peroxidation. <i>Acta Pharmaceutica</i> , 2019 , 69, 433-441	3.2	9
138	Complete Chloroplast Genomes of <i>Vachellia nilotica</i> and <i>Senegalia senegal</i> : Comparative Genomics and Phylogenomic Placement in a New Generic System. <i>PLoS ONE</i> , 2019 , 14, e0225469	3.7	7
137	First complete chloroplast genomics and comparative phylogenetic analysis of <i>Commiphora gileadensis</i> and <i>C. foliacea</i> : Myrrh producing trees. <i>PLoS ONE</i> , 2019 , 14, e0208511	3.7	18
136	<i>Preussia</i> sp. BSL-10 producing nitric oxide, gibberellins, and indole acetic acid and improving rice plant growth. <i>Journal of Plant Interactions</i> , 2018 , 13, 112-118	3.8	13
135	Therapeutic applications of bacterial pigments: a review of current status and future opportunities. <i>3 Biotech</i> , 2018 , 8, 207	2.8	37
134	Plant growth promoting bacteria as an alternative strategy for salt tolerance in plants: A review. <i>Microbiological Research</i> , 2018 , 209, 21-32	5.3	224
133	In vitro oxidative stress regulatory potential of <i>Citrullus colocynthis</i> and <i>Tephrosia apollinea</i> . <i>Acta Pharmaceutica</i> , 2018 , 68, 235-242	3.2	2
132	Quantification of AKBA in <i>Boswellia sacra</i> Using NIRS Coupled with PLSR as an Alternative Method and Cross-Validation by HPLC. <i>Phytochemical Analysis</i> , 2018 , 29, 137-143	3.4	14
131	First chloroplast genomics study of <i>Phoenix dactylifera</i> (var. Naghal and Khanezi): A comparative analysis. <i>PLoS ONE</i> , 2018 , 13, e0200104	3.7	10
130	Biochar amendment changes jasmonic acid levels in two rice varieties and alters their resistance to herbivory. <i>PLoS ONE</i> , 2018 , 13, e0191296	3.7	24
129	Characterization of New Bioactive Enzyme Inhibitors from Endophytic <i>Bacillus amyloliquefaciens</i> RWL-1. <i>Molecules</i> , 2018 , 23,	4.8	11
128	First complete mitochondrial genome of var. Khanezi. <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 778-779	3.5	2
127	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	4.7	36

126	Exogenous short-term silicon application regulates macro-nutrients, endogenous phytohormones, and protein expression in <i>Oryza sativa</i> L. <i>BMC Plant Biology</i> , 2018 , 18, 4	5.3	35
125	Salt tolerance of <i>Glycine max.</i> L induced by endophytic fungus <i>Aspergillus flavus</i> CSH1, via regulating its endogenous hormones and antioxidative system. <i>Plant Physiology and Biochemistry</i> , 2018 , 128, 13-23	5.4	44
124	Gibberellin application ameliorates the adverse impact of short-term flooding on L. <i>Biochemical Journal</i> , 2018 , 475, 2893-2905	3.8	16
123	Regulation of reactive oxygen and nitrogen species by salicylic acid in rice plants under salinity stress conditions. <i>PLoS ONE</i> , 2018 , 13, e0192650	3.7	31
122	Chemical, molecular and structural studies of <i>Boswellia</i> species: β Boswellic Aldehyde and 3-epi-11 β Dihydroxy BA as precursors in biosynthesis of boswellic acids. <i>PLoS ONE</i> , 2018 , 13, e0198666	3.7	24
121	Complete chloroplast genome sequence and comparative analysis of loblolly pine (<i>Pinus taeda</i> L.) with related species. <i>PLoS ONE</i> , 2018 , 13, e0192966	3.7	26
120	Endogenous phytohormones of frankincense producing <i>Boswellia sacra</i> tree populations. <i>PLoS ONE</i> , 2018 , 13, e0207910	3.7	4
119	Exo-ethylene application mitigates waterlogging stress in soybean (<i>Glycine max</i> L.). <i>BMC Plant Biology</i> , 2018 , 18, 254	5.3	26
118	Desmiflavanoside, a New Bioactive Flavonoid Glycoside Isolated from <i>Desmidorchis flava</i> . <i>Chemistry of Natural Compounds</i> , 2018 , 54, 1057-1060	0.7	2
117	Endophytic fungus <i>Paecilomyces Formosus</i> LHL10 produces sester-terpenoid YW3548 and cyclic peptide that inhibit urease and β glucosidase enzyme activities. <i>Archives of Microbiology</i> , 2018 , 200, 1493-1502	3.1	27
116	First reported chloroplast genome sequence of <i>Punica granatum</i> (cultivar Helow) from Jabal Al-Akhdar, Oman: phylogenetic comparative assortment with <i>Lagerstroemia</i> . <i>Genetica</i> , 2018 , 146, 461-474	1.5	5
115	Complete genome sequencing and analysis of endophytic sp. LK11 and its potential in plant growth. <i>3 Biotech</i> , 2018 , 8, 389	2.8	31
114	Mechanisms of Cr(VI) resistance by endophytic <i>Sphingomonas</i> sp. LK11 and its Cr(VI) phytotoxic mitigating effects in soybean (<i>Glycine max</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2018 , 164, 648-658	7	42
113	Chemical profile and in-vitro pharmacological activities of yellow pigment extracted from <i>Arthrobacter gandavensis</i> . <i>Process Biochemistry</i> , 2018 , 75, 74-82	4.8	4
112	Regulation of endogenous phytohormones and essential metabolites in frankincense-producing <i>Boswellia sacra</i> under wounding stress. <i>Acta Physiologiae Plantarum</i> , 2018 , 40, 1	2.6	12
111	The first complete mitochondrial genome of wild soybean (). <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 527-528	0.5	1
110	Culturable endophytic fungal diversity in the cadmium hyperaccumulator <i>Solanum nigrum</i> L. and their role in enhancing phytoremediation. <i>Environmental and Experimental Botany</i> , 2017 , 135, 126-135	5.9	53
109	Bacterial endophytes from arid land plants regulate endogenous hormone content and promote growth in crop plants: an example of <i>Sphingomonas</i> sp. and <i>Serratia marcescens</i> . <i>Journal of Plant Interactions</i> , 2017 , 12, 31-38	3.8	64

108	Enzyme inhibitory metabolites from endophytic <i>Penicillium citrinum</i> isolated from <i>Boswellia sacra</i> . <i>Archives of Microbiology</i> , 2017 , 199, 691-700	3	11
107	Inoculation of abscisic acid-producing endophytic bacteria enhances salinity stress tolerance in <i>Oryza sativa</i> . <i>Environmental and Experimental Botany</i> , 2017 , 136, 68-77	5.9	172
106	Additive effects due to biochar and endophyte application enable soybean to enhance nutrient uptake and modulate nutritional parameters. <i>Journal of Zhejiang University: Science B</i> , 2017 , 18, 109-124	4.5	15
105	<i>Paenibacillus terrae</i> AY-38 resistance against <i>Botrytis cinerea</i> in <i>Solanum lycopersicum</i> L. plants through defence hormones regulation. <i>Journal of Plant Interactions</i> , 2017 , 12, 244-253	3.8	10
104	Application of NIRS coupled with PLS regression as a rapid, non-destructive alternative method for quantification of KBA in <i>Boswellia sacra</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 184, 277-285	4.4	15
103	Host plant growth promotion and cadmium detoxification in <i>Solanum nigrum</i> , mediated by endophytic fungi. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 136, 180-188	7	71
102	Endophytes from medicinal plants and their potential for producing indole acetic acid, improving seed germination and mitigating oxidative stress. <i>Journal of Zhejiang University: Science B</i> , 2017 , 18, 125-137	4.5	31
101	The First Chloroplast Genome Sequence of <i>Boswellia sacra</i> , a Resin-Producing Plant in Oman. <i>PLoS ONE</i> , 2017 , 12, e0169794	3.7	12
100	New Enzyme-Inhibitory Triterpenoid from Marine Macro Brown Alga <i>Padina boergesenii</i> Allender & Kraft. <i>Marine Drugs</i> , 2017 , 15,	6	7
99	Osmoprotective functions conferred to soybean plants via inoculation with <i>Sphingomonas</i> sp. LK11 and exogenous trehalose. <i>Microbiological Research</i> , 2017 , 205, 135-145	5.3	48
98	Chloroplast genomes of <i>Arabidopsis halleri</i> ssp. <i>gemmaifera</i> and <i>Arabidopsis lyrata</i> ssp. <i>petraea</i> : Structures and comparative analysis. <i>Scientific Reports</i> , 2017 , 7, 7556	4.9	41
97	Endophytic bacterial diversity of <i>Avicennia marina</i> helps to confer resistance against salinity stress in <i>Solanum lycopersicum</i> . <i>Journal of Plant Interactions</i> , 2017 , 12, 312-322	3.8	21
96	Plant growth-promoting endophyte <i>Sphingomonas</i> sp. LK11 alleviates salinity stress in <i>Solanum pimpinellifolium</i> . <i>Environmental and Experimental Botany</i> , 2017 , 133, 58-69	5.9	90
95	Development of new NIR-spectroscopy method combined with multivariate analysis for detection of adulteration in camel milk with goat milk. <i>Food Chemistry</i> , 2017 , 221, 746-750	8.5	56
94	Indoleacetic acid production and plant growth promoting potential of bacterial endophytes isolated from rice (<i>Oryza sativa</i> L.) seeds. <i>Acta Biologica Hungarica</i> , 2017 , 68, 175-186		36
93	<i>Bacillus amyloliquefaciens</i> BSL16 improves phytoremediation potential of <i>Solanum lycopersicum</i> during copper stress. <i>Journal of Plant Interactions</i> , 2017 , 12, 550-559	3.8	17
92	Plant growth-promoting endophytic bacteria versus pathogenic infections: an example of RWL-1 and f. sp. in tomato. <i>PeerJ</i> , 2017 , 5, e3107	3.1	52
91	Effect of Methanolic Extract of Dandelion Roots on Cancer Cell Lines and AMP-Activated Protein Kinase Pathway. <i>Frontiers in Pharmacology</i> , 2017 , 8, 875	5.6	19

90	Comparative analysis of complete plastid genomes from wild soybean (<i>Glycine soja</i>) and nine other <i>Glycine</i> species. <i>PLoS ONE</i> , 2017 , 12, e0182281	3.7	31
89	Rhizospheric microbial communities associated with wild and cultivated frankincense producing <i>Boswellia sacra</i> tree. <i>PLoS ONE</i> , 2017 , 12, e0186939	3.7	10
88	Metabolism-mediated induction of zinc tolerance in <i>Brassica rapa</i> by <i>Burkholderia cepacia</i> CS2-1. <i>Journal of Microbiology</i> , 2017 , 55, 955-965	3	10
87	Exogenous application of abscisic acid regulates endogenous gibberellins homeostasis and enhances resistance of oriental melon (<i>Cucumis melo</i> var. L.) against low temperature. <i>Scientia Horticulturae</i> , 2016 , 207, 41-47	4.1	23
86	Regulations of essential amino acids and proteomics of bacterial endophytes <i>Sphingomonas</i> sp. Lk11 during cadmium uptake. <i>Environmental Toxicology</i> , 2016 , 31, 887-96	4.2	20
85	Salvaging effect of triacontanol on plant growth, thermotolerance, macro-nutrient content, amino acid concentration and modulation of defense hormonal levels under heat stress. <i>Plant Physiology and Biochemistry</i> , 2016 , 99, 118-25	5.4	16
84	Indole acetic acid and ACC deaminase from endophytic bacteria improves the growth of <i>Solanum lycopersicum</i> . <i>Electronic Journal of Biotechnology</i> , 2016 , 21, 58-64	3.1	129
83	Silicon: a duo synergy for regulating crop growth and hormonal signaling under abiotic stress conditions. <i>Critical Reviews in Biotechnology</i> , 2016 , 36, 1099-1109	9.4	53
82	Biochemical Constituents and in Vitro Antioxidant and Anticholinesterase Potential of Seeds from Native Korean Persimmon Genotypes. <i>Molecules</i> , 2016 , 21,	4.8	19
81	Endophytic Fungi from Frankincense Tree Improves Host Growth and Produces Extracellular Enzymes and Indole Acetic Acid. <i>PLoS ONE</i> , 2016 , 11, e0158207	3.7	92
80	Mitochondrial Genome Analysis of Wild Rice (<i>Oryza minuta</i>) and Its Comparison with Other Related Species. <i>PLoS ONE</i> , 2016 , 11, e0152937	3.7	21
79	First draft genome sequencing of indole acetic acid producing and plant growth promoting fungus <i>Preussia</i> sp. BSL10. <i>Journal of Biotechnology</i> , 2016 , 225, 44-5	3.7	13
78	Seed-borne endophytic <i>Bacillus amyloliquefaciens</i> RWL-1 produces gibberellins and regulates endogenous phytohormones of <i>Oryza sativa</i> . <i>Plant Physiology and Biochemistry</i> , 2016 , 106, 236-43	5.4	151
77	Sorokiniol: a new enzymes inhibitory metabolite from fungal endophyte <i>Bipolaris sorokiniana</i> LK12. <i>BMC Microbiology</i> , 2016 , 16, 103	4.5	18
76	Improvement in phytoremediation potential of <i>Solanum nigrum</i> under cadmium contamination through endophytic-assisted <i>Serratia</i> sp. RSC-14 inoculation. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 14032-42	5.1	47
75	Gibberellin-producing <i>Serratia nematodiphila</i> PEJ1011 ameliorates low temperature stress in <i>Capsicum annum</i> L.. <i>European Journal of Soil Biology</i> , 2015 , 68, 85-93	2.9	68
74	Endophytic bacteria (<i>Sphingomonas</i> sp. LK11) and gibberellin can improve <i>Solanum lycopersicum</i> growth and oxidative stress under salinity. <i>Journal of Plant Interactions</i> , 2015 , 10, 117-125	3.8	81
73	Phytohormones enabled endophytic fungal symbiosis improve aluminum phytoextraction in tolerant <i>Solanum lycopersicum</i> : An examples of <i>Penicillium janthinellum</i> LK5 and comparison with exogenous GA3. <i>Journal of Hazardous Materials</i> , 2015 , 295, 70-8	12.8	73

72	Alteration in the gene expression of <i>Glehnia littoralis</i> seedlings exposed to culture filtrate of <i>Penicillium citrinum</i> KACC43900. <i>Journal of Plant Interactions</i> , 2015 , 10, 51-58	3.8	1
71	Foliar application of methyl jasmonate induced physio-hormonal changes in <i>Pisum sativum</i> under diverse temperature regimes. <i>Plant Physiology and Biochemistry</i> , 2015 , 96, 406-16	5.4	28
70	Endophytic fungi: resource for gibberellins and crop abiotic stress resistance. <i>Critical Reviews in Biotechnology</i> , 2015 , 35, 62-74	9.4	169
69	In vivo evaluation of analgesic, anti-inflammatory, and neuropharmacological activities of the chemical constituent from <i>Nepeta clarkei</i> . <i>Archives of Pharmacal Research</i> , 2015 , 38, 1188-94	6.1	5
68	A comparative study of phosphate solubilization and the host plant growth promotion ability of <i>Fusarium verticillioides</i> RK01 and <i>Humicola</i> sp. KNU01 under salt stress. <i>Annals of Microbiology</i> , 2015 , 65, 585-593	3.2	37
67	Mutualistic fungal endophytes produce phytohormones and organic acids that promote japonica rice plant growth under prolonged heat stress. <i>Journal of Zhejiang University: Science B</i> , 2015 , 16, 1011-84 ⁵	4.5	44
66	A New Irregular Trihydroxy Sesquiterpene from <i>Teucrium mascatense</i> . <i>Helvetica Chimica Acta</i> , 2015 , 98, 1462-1465	2	1
65	New β -Glucosidase Inhibitory Triterpenic Acid from Marine Macro Green Alga <i>Codium dwarkense</i> Boergs. <i>Marine Drugs</i> , 2015 , 13, 4344-56	6	15
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62	Cucumber performance is improved by inoculation with plant growth-promoting microorganisms. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015 , 65, 36-44	1.1	16
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39	Silicon Application to Rice Root Zone Influenced the Phytohormonal and Antioxidant Responses Under Salinity Stress. <i>Journal of Plant Growth Regulation</i> , 2014 , 33, 137-149	4.7	136
38	Fungal endophyte <i>Penicillium janthinellum</i> LK5 can reduce cadmium toxicity in <i>Solanum lycopersicum</i> (Sitens and Rhe). <i>Biology and Fertility of Soils</i> , 2014 , 50, 75-85	6.1	44
37	Silicon mitigates heavy metal stress by regulating P-type heavy metal ATPases, <i>Oryza sativa</i> low silicon genes, and endogenous phytohormones. <i>BMC Plant Biology</i> , 2014 , 14, 13	5.3	229

36	Gibberellin production by newly isolated strain <i>Leifsonia soli</i> SE134 and its potential to promote plant growth. <i>Journal of Microbiology and Biotechnology</i> , 2014 , 24, 106-12	3.3	76
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34	Co-synergism of endophyte <i>Penicillium resedanum</i> LK6 with salicylic acid helped <i>Capsicum annum</i> in biomass recovery and osmotic stress mitigation. <i>BMC Microbiology</i> , 2013 , 13, 51	4.5	49
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32	Essential oil composition and nutrient analysis of selected medicinal plants in Sultanate of Oman. <i>Asian Pacific Journal of Tropical Disease</i> , 2013 , 3, 421-428		20
31	Endophytic fungal pre-treatments of seeds alleviates salinity stress effects in soybean plants. <i>Journal of Microbiology</i> , 2013 , 51, 850-7	3	31
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27	Endophytic fungi produce gibberellins and indoleacetic acid and promotes host-plant growth during stress. <i>Molecules</i> , 2012 , 17, 10754-73	4.8	339
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22	Antibacterial, Antifungal, Cytotoxic, Phytotoxic, Insecticidal, and Enzyme Inhibitory Activities of <i>Geranium wallichianum</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 305906	2.3	11
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19	Rhizonin A from <i>Burkholderia</i> sp. KCTC11096 and its growth promoting role in lettuce seed germination. <i>Molecules</i> , 2012 , 17, 7980-8	4.8	7

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13	Allelochemical, eudesmane-type sesquiterpenoids from Inula falconeri. <i>Molecules</i> , 2010 , 15, 1554-61	4.8	13
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10	Effects of Prohexadione Calcium on growth and gibberellins contents of Chrysanthemum morifolium R. cv Monalisa White. <i>Scientia Horticulturae</i> , 2010 , 123, 423-427	4.1	18
9	Influence of prohexadione-calcium on growth and gibberellins content of Chinese cabbage grown in alpine region of South Korea. <i>Scientia Horticulturae</i> , 2010 , 125, 88-92	4.1	17
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6	Secondary metabolites from Inula britannica L. and their biological activities. <i>Molecules</i> , 2010 , 15, 1562-77.8		53
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