

Metarhizium brunneum (Ascomycota; Hypocreales) Treated Soil for Sustainable Crop Production

Frontiers in Plant Science

9, 1

DOI: [10.3389/fpls.2018.00001](https://doi.org/10.3389/fpls.2018.00001)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Mycoviral Population Dynamics in Spanish Isolates of the Entomopathogenic Fungus <i>Beauveria bassiana</i> . <i>Viruses</i> , 2018, 10, 665.	1.5	14
2	miRNomes involved in imparting thermotolerance to crop plants. <i>3 Biotech</i> , 2018, 8, 497.	1.1	9
3	Genetic architecture of common bunt resistance in winter wheat using genome-wide association study. <i>BMC Plant Biology</i> , 2018, 18, 280.	1.6	37
4	The DFR locus: A smart landing pad for targeted transgene insertion in tomato. <i>PLoS ONE</i> , 2018, 13, e0208395.	1.1	29
5	Cereal aphids differently affect benzoxazinoid levels in durum wheat. <i>PLoS ONE</i> , 2018, 13, e0208103.	1.1	28
6	De novo genome assembly of the red silk cotton tree (<i>Bombax ceiba</i>). <i>GigaScience</i> , 2018, 7, .	3.3	27
7	Up-regulated RxLR effector genes of <i>Plasmopara viticola</i> in synchronized host-free stages and infected leaves of hosts with different susceptibility. <i>Fungal Biology</i> , 2018, 122, 1125-1133.	1.1	12
8	Beneficial use of Ni-rich petroleum coke ashes: Product characterization and effects on soil properties and plant growth. <i>Journal of Cleaner Production</i> , 2018, 198, 785-796.	4.6	14
9	It is not all about sodium: revealing tissue specificity and signalling roles of potassium in plant responses to salt stress. <i>Plant and Soil</i> , 2018, 431, 1-17.	1.8	245
10	Metabolomic profiling reveals that natural biodiversity surrounding a banana crop may positively influence the nutritional/sensorial profile of ripe fruits. <i>Food Research International</i> , 2019, 124, 165-174.	2.9	13
11	Complete chloroplast genome of <i>Fagus multinervis</i> , a beech species endemic to Ulleung Island in South Korea. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 1698-1699.	0.2	7
12	Demystifying the liverwort <i>Radula marginata</i> , a critical review on its taxonomy, genetics, cannabinoid phytochemistry and pharmacology. <i>Phytochemistry Reviews</i> , 2019, 18, 953-965.	3.1	19
13	Rhizobial Inoculants for Sustainable Agriculture: Prospects and Applications. <i>Soil Biology</i> , 2019, , 245-283.	0.6	9
14	RNASeq analysis of giant cane reveals the leaf transcriptome dynamics under long-term salt stress. <i>BMC Plant Biology</i> , 2019, 19, 355.	1.6	37
15	Mobilisation of arsenic, selenium and uranium from Carboniferous black shales in west Ireland. <i>Applied Geochemistry</i> , 2019, 109, 104401.	1.4	21
16	Applications of carbon quantum dots to alleviate Cd ²⁺ phytotoxicity in <i>Citrus maxima</i> seedlings. <i>Chemosphere</i> , 2019, 236, 124385.	4.2	35
17	Inference of the gene regulatory network acting downstream of <i>CROWN ROOTLESS1</i> in rice reveals a regulatory cascade linking genes involved in auxin signaling, crown root initiation, and root meristem specification and maintenance. <i>Plant Journal</i> , 2019, 100, 954-968.	2.8	13
18	Heteromorphic seeds of coastal halophytes <i>Arthrocnemum macrostachyum</i> and <i>A. indicum</i> display differential patterns of hydrogen peroxide accumulation, lipid peroxidation and antioxidant activities under increasing salinity. <i>Plant Physiology and Biochemistry</i> , 2019, 144, 58-63.	2.8	16

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19	Ecologically distinct pine species show differential root development after outplanting in response to nursery nutrient cultivation. <i>Forest Ecology and Management</i> , 2019, 451, 117562.	1.4	10
20	No-tillage reduces competition and enhances compensatory growth of maize (<i>Zea mays</i> L.) intercropped with pea (<i>Pisum sativum</i> L.). <i>Field Crops Research</i> , 2019, 243, 107611.	2.3	21
21	Co-existence of <i>Leclercia adecarboxylata</i> (LSE-1) and <i>Bradyrhizobium</i> sp. (LSBR-3) in nodule niche for multifaceted effects and profitability in soybean production. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 172.	1.7	21
22	Breeding system and bird pollination of <i>Camellia pubipetala</i> , a narrowly endemic plant from karst regions of south China. <i>Plant Species Biology</i> , 2019, 34, 141-151.	0.6	4
23	Mining and genomic characterization of resistance to tan spot, <i>Stagonospora nodorum</i> blotch (SNB), and <i>Fusarium</i> head blight in Watkins core collection of wheat landraces. <i>BMC Plant Biology</i> , 2019, 19, 480.	1.6	23
24	Evaluation of a global spring wheat panel for stripe rust: Resistance loci validation and novel resources identification. <i>PLoS ONE</i> , 2019, 14, e0222755.	1.1	21
25	Variability Assessment for Root and Drought Tolerance Traits and Genetic Diversity Analysis of Rice Germplasm using SSR Markers. <i>Scientific Reports</i> , 2019, 9, 16513.	1.6	49
26	The Combined Strategy for iron uptake is not exclusive to domesticated rice (<i>Oryza sativa</i>). <i>Scientific Reports</i> , 2019, 9, 16144.	1.6	70
27	Melatonin: Role in Increasing Plant Tolerance in Abiotic Stress Conditions. , 0, , .		9
28	Role of light intensity dependent changes in thiol and amino acid metabolism in the adaptation of wheat to drought. <i>Journal of Agronomy and Crop Science</i> , 2019, 205, 562-570.	1.7	9
29	Growth function and intercellular water transfer in excised roots. <i>Protoplasma</i> , 2019, 256, 1425-1432.	1.0	4
30	Ecological arguments to reconsider data requirements regarding the environmental fate of microbial biocontrol agents in the registration procedure in the European Union. <i>BioControl</i> , 2019, 64, 469-487.	0.9	46
31	Mapping of genomic regions associated with arsenic toxicity stress in a backcross breeding populations of rice (<i>Oryza sativa</i> L.). <i>Rice</i> , 2019, 12, 61.	1.7	31
32	Soybean iron deficiency chlorosis high-throughput phenotyping using an unmanned aircraft system. <i>Plant Methods</i> , 2019, 15, 97.	1.9	21
33	Bioactivities of patchoulol and phloroacetophenone from <i>Pogostemon cablin</i> essential oil against three insects. <i>International Journal of Food Properties</i> , 2019, 22, 1365-1374.	1.3	24
34	EFFECTS OF COMPETITION AND WATER DEFICIENCY ON SUNFLOWER AND WEED GROWTH. <i>Revista Caatinga</i> , 2019, 32, 318-328.	0.3	13
35	Removal of greenhouse microclimate heterogeneity with conveyor system for indoor phenotyping. <i>Computers and Electronics in Agriculture</i> , 2019, 166, 104979.	3.7	29
36	Analysis of Spring Triticale Collection for Leaf Rust Resistance Genes with PCR Markers. <i>Russian Journal of Genetics</i> , 2019, 55, 945-954.	0.2	5

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37	Additive and heterozygous (dis)advantage GWAS models reveal candidate genes involved in the genotypic variation of maize hybrids to <i>Azospirillum brasilense</i> . <i>PLoS ONE</i> , 2019, 14, e0222788.	1.1	19
38	Root water uptake and its pathways across the root: quantification at the cellular scale. <i>Scientific Reports</i> , 2019, 9, 12979.	1.6	34
39	Genome-Wide Identification of Splicing Quantitative Trait Loci (sQTLs) in Diverse Ecotypes of <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1160.	1.7	19
40	Evolution of the Auxin Response Factors from charophyte ancestors. <i>PLoS Genetics</i> , 2019, 15, e1008400.	1.5	35
41	Co-localization of genomic regions associated with seed morphology and composition in a desi chickpea (<i>Cicer arietinum</i> L.) population varying in seed protein concentration. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1263-1281.	1.8	15
42	Multi-omic and physiologic approach to understand <i>Lotus japonicus</i> response upon exposure to 3,4 dimethylpyrazole phosphate nitrification inhibitor. <i>Science of the Total Environment</i> , 2019, 660, 1201-1209.	3.9	5
43	Plant proteomics. , 2019, , 45-67.		7
44	The variation in microbial community structure under different heavy metal contamination levels in paddy soils. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 557-564.	2.9	161
45	The impact of humic acid on toxicity of individual herbicides and their mixtures to aquatic macrophytes. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23571-23582.	2.7	5
46	Co-suppression of NbClpC1 and NbClpC2, chaperone subunits in the Clp protease complex, accelerates hypersensitive response and increases disease susceptibility in <i>Nicotiana benthamiana</i> . <i>Journal of Plant Pathology</i> , 2019, 101, 1099-1105.	0.6	1
47	Salinity stress in cotton: effects, mechanism of tolerance and its management strategies. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 807-820.	1.4	75
48	<i>Colletotrichum acutatum</i> M11 can suppress the defence response in strawberry plants. <i>Planta</i> , 2019, 250, 1131-1145.	1.6	3
49	Comparison of the effects of canopy and understory nitrogen addition on xylem growth of two dominant species in a warm temperate forest, China. <i>Dendrochronologia</i> , 2019, 56, 125604.	1.0	13
50	Green-synthesized copper nanoparticles as a potential antifungal against plant pathogens. <i>RSC Advances</i> , 2019, 9, 18835-18843.	1.7	120
51	The population genetic structure approach adds new insights into the evolution of plant LTR retrotransposon lineages. <i>PLoS ONE</i> , 2019, 14, e0214542.	1.1	7
52	Soil Degradation Effects on Plant Diversity and Nutrient in Tussock Meadow Wetlands. <i>Journal of Soil Science and Plant Nutrition</i> , 2019, 19, 535-544.	1.7	25
53	Using RNA-seq to characterize responses to 4-hydroxyphenylpyruvate dioxygenase (HPPD) inhibitor herbicide resistance in waterhemp (<i>Amaranthus tuberculatus</i>). <i>BMC Plant Biology</i> , 2019, 19, 182.	1.6	21
54	Properties of Malic Enzyme from the Aerobic Methanotroph <i>Methylosinus trichosporium</i> . <i>Biochemistry (Moscow)</i> , 2019, 84, 390-397.	0.7	3

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55	Identification and the potential roles of long non-coding RNAs in cotton leaves damaged by <i>Aphis gossypii</i> . <i>Plant Growth Regulation</i> , 2019, 88, 215-225.	1.8	17
56	QTL identification and epistatic effect analysis of seed size- and weight-related traits in <i>Zea mays</i> L. <i>Molecular Breeding</i> , 2019, 39, 1.	1.0	7
57	MYB-CC transcription factor, TaMYBsm3, cloned from wheat is involved in drought tolerance. <i>BMC Plant Biology</i> , 2019, 19, 143.	1.6	23
58	Synthesis and Biological Evaluation of 3,3-Dimethyl-1-(1H-1,2,4-triazole-1-yl)butan-2-One Derivatives as Plant Growth Regulators. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 221-228.	1.3	2
59	Photoperiod effect on the growth and artemisinin content of <i>Artemisia Annua</i> grown in tropical region. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	4
60	Application of Phosphorus, Iron, and Silicon Reduces Yield Loss in Rice Exposed to Water Deficit Stress. <i>Agronomy Journal</i> , 2019, 111, 1488-1497.	0.9	9
61	Characterization of 4-hydroxyphenylpyruvate dioxygenases, inhibition by herbicides and engineering for herbicide tolerance in crops. <i>Pesticide Biochemistry and Physiology</i> , 2019, 156, 9-28.	1.6	26
62	Comparison of efficiency and specificity of CRISPR-associated (Cas) nucleases in plants: An expanded toolkit for precision genome engineering. <i>PLoS ONE</i> , 2019, 14, e0211598.	1.1	42
63	How canopy shadow affects invasive plant species classification in high spatial resolution remote sensing. <i>Remote Sensing in Ecology and Conservation</i> , 2019, 5, 302-317.	2.2	52
64	Changes in leaf nitrogen and phosphorus content, photosynthesis, respiration, growth, and resource use efficiency of a rapeseed cultivar as affected by drought and high temperatures. <i>Canadian Journal of Plant Science</i> , 2019, 99, 488-498.	0.3	15
65	Late Pleistocene climatic changes promoted demographic expansion and population reconnection of a Neotropical savanna-adapted bird, <i>Neothraupis fasciata</i> (Aves: Thraupidae). <i>PLoS ONE</i> , 2019, 14, e0212876.	1.1	11
66	Genetic and pathogenic variability of <i>Rhizoctonia solani</i> causing crown and root rot on sugar beet in France. <i>Journal of Plant Pathology</i> , 2019, 101, 907-916.	0.6	11
67	Variation of drought resistance of rice genotypes released in different years in China. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4430-4438.	1.7	7
68	Double benefits of mechanical wounding in enhancing chilling tolerance and lodging resistance in wheat plants. <i>Plant Biology</i> , 2019, 21, 813-824.	1.8	7
69	On-farm study reveals positive relationship between gas transport capacity and organic carbon content in arable soil. <i>Soil</i> , 2019, 5, 91-105.	2.2	19
70	Secondary Metabolites and the Risks of <i>Isaria fumosorosea</i> and <i>Isaria farinosa</i> . <i>Molecules</i> , 2019, 24, 664.	1.7	31
71	Low temperature-induced aberrations in male and female reproductive organ development cause flower abortion in chickpea. <i>Plant, Cell and Environment</i> , 2019, 42, 2075-2089.	2.8	31
72	Two-dimensional shape-adaptive windowing functions for image analysis. <i>IET Image Processing</i> , 2019, 13, 1853-1861.	1.4	0

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73	Specific trophoblast transcripts transferred by extracellular vesicles affect gene expression in endometrial epithelial cells and may have a role in embryo-maternal crosstalk. <i>Cell Communication and Signaling</i> , 2019, 17, 146.	2.7	34
74	Biological control of <i>Erwinia mallotivora</i> , the causal agent of papaya dieback disease by indigenous seed-borne endophytic lactic acid bacteria consortium. <i>PLoS ONE</i> , 2019, 14, e0224431.	1.1	26
75	Differences in the photosynthetic and physiological responses of <i>Leymus chinensis</i> to different levels of grazing intensity. <i>BMC Plant Biology</i> , 2019, 19, 558.	1.6	28
76	Effect of solid and liquid extract of <i>Sargassum crassifolium</i> on growth and yield of rice plant. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	3
77	Construction of a high-density genetic map and QTL mapping of leaf traits and plant growth in an interspecific F1 population of <i>Catalpa bungei</i> Å— <i>Catalpa duclouxii</i> Dode. <i>BMC Plant Biology</i> , 2019, 19, 596.	1.6	21
78	Ectopic expression of citrus UDP-GLUCOSYL TRANSFERASE gene enhances anthocyanin and proanthocyanidins contents and confers high light tolerance in <i>Arabidopsis</i> . <i>BMC Plant Biology</i> , 2019, 19, 603.	1.6	32
79	Quick selenium accumulation in the selenium-rich rice and its physiological responses in changing selenium environments. <i>BMC Plant Biology</i> , 2019, 19, 559.	1.6	16
80	Chickpea Abiotic Stresses: Combating Drought, Heat and Cold. , 0, , .		22
81	Effects of nutrient level and planting density on population relationship in soybean and wheat intercropping populations. <i>PLoS ONE</i> , 2019, 14, e0225810.	1.1	11
82	Light intensity and spectrum affect metabolism of glutathione and amino acids at transcriptional level. <i>PLoS ONE</i> , 2019, 14, e0227271.	1.1	39
83	Synthesis of amorpho-4,11-diene from dihydroartemisinic acid. <i>Tetrahedron</i> , 2019, 75, 743-748.	1.0	4
84	Using preceding crop effects for climate smart sugar beet (<i>Beta vulgaris</i> L.) cultivation. <i>European Journal of Agronomy</i> , 2019, 104, 13-20.	1.9	2
85	Abiotic contexts consistently influence mycorrhiza functioning independently of the composition of synthetic arbuscular mycorrhizal fungal communities. <i>Mycorrhiza</i> , 2019, 29, 127-139.	1.3	16
86	Cisgenic overexpression of cytosolic glutamine synthetase improves nitrogen utilization efficiency in barley and prevents grain protein decline under elevated CO ₂ . <i>Plant Biotechnology Journal</i> , 2019, 17, 1209-1221.	4.1	52
87	Effects of Cry1Ab-expressing Bt rice straw return on juvenile and adult <i>Eisenia fetida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 881-893.	2.9	6
88	Critical Sulfur Dilution Curve and Sulfur Nutrition Index in Maize. <i>Agronomy Journal</i> , 2019, 111, 448-456.	0.9	10
89	Foliar fertilization: possible routes of iron transport from leaf surface to cell organelles. <i>Archives of Agronomy and Soil Science</i> , 2020, 66, 279-300.	1.3	19
90	Quantitative trait loci and differential gene expression analyses reveal the genetic basis for negatively associated β -carotene and starch content in hexaploid sweetpotato [<i>Ipomoea batatas</i> (L.) Lam.]. <i>Theoretical and Applied Genetics</i> , 2020, 133, 23-36.	1.8	59

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91	Compatibility between the endoparasitoid <i>Hyposoter didymator</i> and the entomopathogenic fungus <i>Metarhizium brunneum</i> : a laboratory simulation for the simultaneous use to control <i>Spodoptera littoralis</i> . <i>Pest Management Science</i> , 2020, 76, 1060-1070.	1.7	19
92	The bioactive profile of lettuce produced in a closed soilless system as configured by combinatorial effects of genotype and macrocation supply composition. <i>Food Chemistry</i> , 2020, 309, 125713.	4.2	35
93	A systematic dissection of the mechanisms underlying the natural variation of silique number in rapeseed (<i>Brassica napus</i> L.) germplasm. <i>Plant Biotechnology Journal</i> , 2020, 18, 568-580.	4.1	26
94	A critical look on CRISPR-based genome editing in plants. <i>Journal of Cellular Physiology</i> , 2020, 235, 666-682.	2.0	39
95	Functional and morphological evolution in gymnosperms: A portrait of implicated gene families. <i>Evolutionary Applications</i> , 2020, 13, 210-227.	1.5	32
96	The climatic challenge: Which plants will people use in the next century?. <i>Environmental and Experimental Botany</i> , 2020, 170, 103872.	2.0	45
97	Emerging sociotechnical imaginaries for gene edited crops for foods in the United States: implications for governance. <i>Agriculture and Human Values</i> , 2020, 37, 265-279.	1.7	49
98	Precise gene replacement in plants through CRISPR/Cas genome editing technology: current status and future perspectives. <i>ABIOTECH</i> , 2020, 1, 58-73.	1.8	28
99	Systematics study through scanning electron microscopy; a tool for the authentication of herbal drug <i>Mentha suaveolens</i> Ehrh. <i>Microscopy Research and Technique</i> , 2020, 83, 81-87.	1.2	33
100	Changes in Proteome and Protein Phosphorylation Reveal the Protective Roles of Exogenous Nitrogen in Alleviating Cadmium Toxicity in Poplar Plants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 278.	1.8	36
101	Changes in the functional features of macrophyte communities and driving factors across a 70-year period. <i>Hydrobiologia</i> , 2020, 847, 3811-3827.	1.0	20
102	Xylem form and function under extreme nutrient limitation: an example from California's pygmy forest. <i>New Phytologist</i> , 2020, 226, 760-769.	3.5	9
103	Breeding for Fusarium head blight resistance in wheat—Progress and challenges. <i>Plant Breeding</i> , 2020, 139, 429-454.	1.0	140
104	Rhizobial exopolysaccharides as supplement for enhancing nodulation and growth attributes of <i>Cajanus cajan</i> under multi-stress conditions: A study from lab to field. <i>Soil and Tillage Research</i> , 2020, 198, 104545.	2.6	26
105	Silicon can improve seed germination and ameliorate oxidative damage of bud seedlings in cucumber under salt stress. <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	1.0	37
106	The comparative virulence of an atoxigenic strain of <i>Aspergillus flavus</i> (Eurotiales: Trichocomaceae) and the commercial ICIPE 69 <i>Metarhizium anisopliae</i> (Hypocreales: Clavicipitaceae) to the bean leaf beetle <i>Oothea mutabilis</i> (Coleoptera: Chrysomelidae). <i>International Journal of Tropical Insect Science</i> . 2020. 40. 403-411.	0.4	2
107	Interactive effects of polyamines and arbuscular mycorrhiza in modulating plant biomass, N ₂ fixation, ureide, and trehalose metabolism in <i>Cajanus cajan</i> (L.) Millsp. genotypes under nickel stress. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3043-3064.	2.7	17
108	Dual RNA-Seq analysis of <i>Medicago truncatula</i> and the pea powdery mildew <i>Erysiphe pisi</i> uncovers distinct host transcriptional signatures during incompatible and compatible interactions and pathogen effector candidates. <i>Genomics</i> , 2020, 112, 2130-2145.	1.3	13

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109	Chelate-assisted phytoaccumulation; growth of <i>Helianthus annuus</i> L., <i>Vigna radiata</i> (L.) R. Wilczek and <i>Pennisetum glaucum</i> (L.) R. Br. in soil spiked with varied concentrations of copper. <i>Environmental Science and Pollution Research</i> , 2020, 27, 5074-5084.	2.7	9
110	Crop growth and development dynamics of two fodder beet (<i>Beta vulgaris</i> L.) cultivars sown on different dates in New Zealand. <i>New Zealand Journal of Agricultural Research</i> , 2020, 63, 449-466.	0.9	3
111	Adaptive evolution and response to phytoplasma: A genome-wide study of TCP transcription factors in <i>Sesamum indicum</i> L.. <i>Annals of Applied Biology</i> , 2020, 176, 75-95.	1.3	2
112	Light and VPD gradients drive foliar nitrogen partitioning and photosynthesis in the canopy of European beech and silver fir. <i>Oecologia</i> , 2020, 192, 323-339.	0.9	39
113	Positive Selection in the Chloroplastic ATP-Synthase $\hat{2}$ -Subunit and Its Relation to Virulence Factors. <i>Journal of Molecular Evolution</i> , 2020, 88, 703-713.	0.8	1
114	Physiological responses of plants and mites to salicylic acid improve the efficacy of spiroadiclofen for controlling <i>Tetranychus urticae</i> (Acari: Tetranychidae) on greenhouse tomatoes. <i>Experimental and Applied Acarology</i> , 2020, 82, 319-333.	0.7	10
115	Advancing crested wheatgrass [<i>Agropyron cristatum</i> (L.) Gaertn.] breeding through genotyping-by-sequencing and genomic selection. <i>PLoS ONE</i> , 2020, 15, e0239609.	1.1	6
116	Bioaugmentation of Entomopathogenic Fungi for Sustainable Agriotes Larvae (Wireworms) Management in Maize. <i>Frontiers in Plant Science</i> , 2020, 11, 535005.	1.7	11
117	Evaluating the EPPO method for seed longevity analyses in <i>Arabidopsis</i> . <i>Plant Science</i> , 2020, 301, 110644.	1.7	18
118	Plant species determine tidal wetland methane response to sea level rise. <i>Nature Communications</i> , 2020, 11, 5154.	5.8	24
119	Field-based individual plant phenotyping of herbaceous species by unmanned aerial vehicle. <i>Ecology and Evolution</i> , 2020, 10, 12318-12326.	0.8	11
120	Population structure analysis and identification of genomic regions under selection associated with low-nitrogen tolerance in tropical maize lines. <i>PLoS ONE</i> , 2020, 15, e0239900.	1.1	4
121	In-field hyperspectral imaging: An overview on the ground-based applications in agriculture. <i>Journal of Agricultural Engineering</i> , 2020, 51, 129-139.	0.7	24
122	Synergistic effect of KCl, thiourea, GA3 and SA on the germination and early seedling growth enhancement of drought-stressed Malaysian indica rice cv. MR220. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 29, 101779.	1.5	5
123	Changes in endogenous hormone contents during seed germination of <i>Anemone rivularis</i> var. flore-minore. <i>Global Ecology and Conservation</i> , 2020, 24, e01200.	1.0	4
124	Differential expression in leaves of <i>Saccharum</i> genotypes contrasting in biomass production provides evidence of genes involved in carbon partitioning. <i>BMC Genomics</i> , 2020, 21, 673.	1.2	10
125	Salt stress triggers generation of oxygen free radicals and DNA breaks in <i>Physcomitrella patens</i> protonema. <i>Environmental and Experimental Botany</i> , 2020, 180, 104236.	2.0	18
126	Physiological and biochemical studies of black gram (<i>Vigna mungo</i> (L.) Hepper) under polyethylene glycol induced drought stress. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 29, 101777.	1.5	9

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127	Lipopolysaccharide perception in <i>Arabidopsis thaliana</i> : Diverse LPS chemotypes from <i>Burkholderia cepacia</i> , <i>Pseudomonas syringae</i> and <i>Xanthomonas campestris</i> trigger differential defence-related perturbations in the metabolome. <i>Plant Physiology and Biochemistry</i> , 2020, 156, 267-277.	2.8	11
128	New insights into molecular targets of salt tolerance in sorghum leaves elicited by ammonium nutrition. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 723-734.	2.8	11
129	Automated leaf movement tracking in time-lapse imaging for plant phenotyping. <i>Computers and Electronics in Agriculture</i> , 2020, 175, 105623.	3.7	11
130	Genetic diversity and genetic structure of <i>Salvadora persica</i> L., rare plant species in Rabigh province, Saudi Arabia: implications for conservation. <i>Journal of Taibah University for Science</i> , 2020, 14, 881-888.	1.1	6
131	<i>Medicago PHVA</i> promotes flowering, primary stem elongation and expression of flowering time genes in long days. <i>BMC Plant Biology</i> , 2020, 20, 329.	1.6	15
133	Change-mapping of estuarine intertidal seagrass (<i>Zostera muelleri</i>) using multispectral imagery flown by remotely piloted aircraft (RPA) at Wharekawa Harbour, New Zealand. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 246, 107046.	0.9	5
134	Genetic mapping for agronomic traits in a MAGIC population of common bean (<i>Phaseolus vulgaris</i> L.) under drought conditions. <i>BMC Genomics</i> , 2020, 21, 799.	1.2	41
135	Transcription factors controlling biotic stress response in potato plants. <i>Physiological and Molecular Plant Pathology</i> , 2020, 112, 101527.	1.3	22
136	Spectroscopic and Chromatographic Fingerprints for Discrimination of Specialty and Traditional Coffees by Integrated Chemometric Methods. <i>Food Analytical Methods</i> , 2020, 13, 2204-2212.	1.3	14
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