

# Plant signalling in symbiosis and immunity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mechanisms and Strategies Shaping Plant Peptide Hormones. <i>Plant and Cell Physiology</i> , 2017, 58, 1313-1318.	1.5	25
2	Sensing of molecular patterns through cell surface immune receptors. <i>Current Opinion in Plant Biology</i> , 2017, 38, 68-77.	3.5	105
3	Adaptation, specialization, and coevolution within phytobiomes. <i>Current Opinion in Plant Biology</i> , 2017, 38, 109-116.	3.5	51
4	The Tomato Kinase Pti1 Contributes to Production of Reactive Oxygen Species in Response to Two Flagellin-Derived Peptides and Promotes Resistance to <i>Pseudomonas syringae</i> Infection. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 725-738.	1.4	22
5	Ancestral alliances: Plant mutualistic symbioses with fungi and bacteria. <i>Science</i> , 2017, 356, .	6.0	333
6	An N-acetylglucosamine transporter required for arbuscular mycorrhizal symbioses in rice and maize. <i>Nature Plants</i> , 2017, 3, 17073.	4.7	72
7	Plant Signaling and Metabolic Pathways Enabling Arbuscular Mycorrhizal Symbiosis. <i>Plant Cell</i> , 2017, 29, 2319-2335.	3.1	241
8	Membrane nanodomains and microdomains in plant-microbe interactions. <i>Current Opinion in Plant Biology</i> , 2017, 40, 82-88.	3.5	83
9	Amphotericin B as an inducer of griseofulvin-containing guttate in the endophytic fungus <i>Xylaria cubensis</i> FLe9. <i>Chemoecology</i> , 2017, 27, 177-185.	0.6	7
10	A potent Cas9-derived gene activator for plant and mammalian cells. <i>Nature Plants</i> , 2017, 3, 930-936.	4.7	187
11	Calcium signatures and signaling events orchestrate plant-microbe interactions. <i>Current Opinion in Plant Biology</i> , 2017, 38, 173-183.	3.5	140
12	Networks Underpinning Symbiosis Revealed Through Cross-Species eQTL Mapping. <i>Genetics</i> , 2017, 206, 2175-2184.	1.2	15
13	Enhanced Bacterial Wilt Resistance in Potato Through Expression of Arabidopsis EFR and Introgression of Quantitative Resistance from <i>Solanum commersonii</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1642.	1.7	54
14	Selection Signatures in the First Exon of Paralogous Receptor Kinase Genes from the <i>Sym2</i> Region of the <i>Pisum sativum</i> L. Genome. <i>Frontiers in Plant Science</i> , 2017, 8, 1957.	1.7	34
15	NAD1 Controls Defense-Like Responses in <i>Medicago truncatula</i> Symbiotic Nitrogen Fixing Nodules Following Rhizobial Colonization in a BacA-Independent Manner. <i>Genes</i> , 2017, 8, 387.	1.0	39
16	Genome-Wide Transcriptional Changes and Lipid Profile Modifications Induced by <i>Medicago truncatula</i> N5 Overexpression at an Early Stage of the Symbiotic Interaction with <i>Sinorhizobium meliloti</i> . <i>Genes</i> , 2017, 8, 396.	1.0	13
17	The Value of a Comparative Approach to Understand the Complex Interplay between Microbiota and Host Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1114.	2.2	8
18	Engineering Mycorrhizal Symbioses to Alter Plant Metabolism and Improve Crop Health. <i>Frontiers in Microbiology</i> , 2017, 8, 1403.	1.5	53

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19	Differential Signaling and Sugar Exchanges in Response to Avirulent Pathogen- and Symbiont-Derived Molecules in Tobacco Cells. <i>Frontiers in Microbiology</i> , 2017, 8, 2228.	1.5	5
20	Plant Lectins and Lectin Receptor-Like Kinases: How Do They Sense the Outside?. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1164.	1.8	116
21	Signaling through plant lectins: modulation of plant immunity and beyond. <i>Biochemical Society Transactions</i> , 2018, 46, 217-233.	1.6	69
22	Commonalities and Differences in Controlling Multipartite Intracellular Infections of Legume Roots by Symbiotic Microbes. <i>Plant and Cell Physiology</i> , 2018, 59, 666-677.	1.5	21
23	Peeking at a plant through the holes in the wall – exploring the roles of plasmodesmata. <i>New Phytologist</i> , 2018, 218, 1310-1314.	3.5	7
24	Hormone modulation of legume-rhizobial symbiosis. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 632-648.	4.1	85
25	Proteomic approach to understand the molecular physiology of symbiotic interaction between <i>Piriformospora indica</i> and <i>Brassica napus</i> . <i>Scientific Reports</i> , 2018, 8, 5773.	1.6	36
26	Host- and stage-dependent secretome of the arbuscular mycorrhizal fungus <i>Rhizophagus irregularis</i> . <i>Plant Journal</i> , 2018, 94, 411-425.	2.8	88
27	Calcium signaling: decoding mechanism of calcium signatures. <i>New Phytologist</i> , 2018, 217, 1394-1396.	3.5	18
28	Rhizobia: from saprophytes to endosymbionts. <i>Nature Reviews Microbiology</i> , 2018, 16, 291-303.	13.6	395
29	A Regulatory Module Controlling Homeostasis of a Plant Immune Kinase. <i>Molecular Cell</i> , 2018, 69, 493-504.e6.	4.5	161
30	A Tyrosine Phosphorylation Cycle Regulates Fungal Activation of a Plant Receptor Ser/Thr Kinase. <i>Cell Host and Microbe</i> , 2018, 23, 241-253.e6.	5.1	72
31	Manipulation of Bryophyte Hosts by Pathogenic and Symbiotic Microbes. <i>Plant and Cell Physiology</i> , 2018, 59, 656-665.	1.5	29
32	Plant cell wall-mediated immunity: cell wall changes trigger disease resistance responses. <i>Plant Journal</i> , 2018, 93, 614-636.	2.8	398
33	Pattern recognition receptors and signaling in plant-microbe interactions. <i>Plant Journal</i> , 2018, 93, 592-613.	2.8	370
34	Venus Flytrap: How an Excitable, Carnivorous Plant Works. <i>Trends in Plant Science</i> , 2018, 23, 220-234.	4.3	91
35	Transcriptome changes induced by arbuscular mycorrhizal fungi in sunflower ( <i>Helianthus annuus</i> L.) roots. <i>Scientific Reports</i> , 2018, 8, 4.	1.6	170
36	An extracellular network of <i>Arabidopsis</i> leucine-rich repeat receptor kinases. <i>Nature</i> , 2018, 553, 342-346.	13.7	241

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37	Strigolactones cross the kingdoms: plants, fungi, and bacteria in the arbuscular mycorrhizal symbiosis. <i>Journal of Experimental Botany</i> , 2018, 69, 2175-2188.	2.4	115
38	Jasmonic and salicylic acid response in the fern <i>Azolla filiculoides</i> and its cyanobiont. <i>Plant, Cell and Environment</i> , 2018, 41, 2530-2548.	2.8	40
39	Receptor-Like Cytoplasmic Kinases: Central Players in Plant Receptor Kinase-Mediated Signaling. <i>Annual Review of Plant Biology</i> , 2018, 69, 267-299.	8.6	303
40	Symbiotic root infections in <i>Medicago truncatula</i> require remorin-mediated receptor stabilization in membrane nanodomains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5289-5294.	3.3	80
41	Learning from CIK plants. <i>Nature Plants</i> , 2018, 4, 195-196.	4.7	2
42	LjCOCH interplays with LjAPP1 to maintain the nodule development in <i>Lotus japonicus</i> . <i>Plant Growth Regulation</i> , 2018, 85, 267-279.	1.8	10
43	<i>Azolla</i> : A Model System for Symbiotic Nitrogen Fixation and Evolutionary Developmental Biology. , 2018, , 21-46.		8
44	Symbiosis genes for immunity and vice versa. <i>Current Opinion in Plant Biology</i> , 2018, 44, 64-71.	3.5	27
45	Feed Your Friends: Do Plant Exudates Shape the Root Microbiome?. <i>Trends in Plant Science</i> , 2018, 23, 25-41.	4.3	1,256
47	Independent signalling cues underpin arbuscular mycorrhizal symbiosis and large lateral root induction in rice. <i>New Phytologist</i> , 2018, 217, 552-557.	3.5	28
48	Predicting plant immunity gene expression by identifying the decoding mechanism of calcium signatures. <i>New Phytologist</i> , 2018, 217, 1598-1609.	3.5	40
49	Constant vigilance: plant functions guarded by resistance proteins. <i>Plant Journal</i> , 2018, 93, 637-650.	2.8	28
50	Chemical signaling involved in plant-microbe interactions. <i>Chemical Society Reviews</i> , 2018, 47, 1652-1704.	18.7	149
51	AMF: The future prospect for sustainable agriculture. <i>Physiological and Molecular Plant Pathology</i> , 2018, 102, 36-45.	1.3	107
52	Quorum-Sensing Mechanism in <i>Rhizobium</i> sp.: Revealing Complexity in a Molecular Dialogue. , 2018, , 249-258.		1
53	Implication of Quorum Sensing System in Biofilm Formation and Virulence. , 2018, , .		1
54	Molecular cloning and functional identification of an apple flagellin receptor MdFLS2 gene. <i>Journal of Integrative Agriculture</i> , 2018, 17, 2694-2703.	1.7	5
55	A structural perspective of plant antimicrobial peptides. <i>Biochemical Journal</i> , 2018, 475, 3359-3375.	1.7	23

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56	Callose-Regulated Symplastic Communication Coordinates Symbiotic Root Nodule Development. <i>Current Biology</i> , 2018, 28, 3562-3577.e6.	1.8	41
57	APD1, the unique member of Arabidopsis AP2 family influences systemic acquired resistance and ethylene-jasmonic acid signaling. <i>Plant Physiology and Biochemistry</i> , 2018, 133, 92-99.	2.8	10
58	A rice Serine/Threonine receptor-like kinase regulates arbuscular mycorrhizal symbiosis at the peri-arbuscular membrane. <i>Nature Communications</i> , 2018, 9, 4677.	5.8	45
59	Calcium Signaling-Mediated Plant Response to Cold Stress. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3896.	1.8	141
60	Water-Soluble Humic Materials Regulate Quorum Sensing in <i>Sinorhizobium meliloti</i> Through a Novel Repressor of <i>expR</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3194.	1.5	10
61	Evolutionary Roots of Plant Microbiomes and Biogeochemical Impacts of Nonvascular Autotroph-Microbiome Systems over Deep Time. <i>International Journal of Plant Sciences</i> , 2018, 179, 505-522.	0.6	10
62	Tomato LysM Receptor-Like Kinase SLYK12 Is Involved in Arbuscular Mycorrhizal Symbiosis. <i>Frontiers in Plant Science</i> , 2018, 9, 1004.	1.7	42
63	Plant Growth-Promoting Rhizobacteria: Context, Mechanisms of Action, and Roadmap to Commercialization of Biostimulants for Sustainable Agriculture. <i>Frontiers in Plant Science</i> , 2018, 9, 1473.	1.7	1,088
64	Simultaneous inoculation with beneficial and pathogenic microorganisms modifies peanut plant responses triggered by each microorganism. <i>Plant and Soil</i> , 2018, 433, 353-361.	1.8	4
65	The Hydrophobin HYTLO1 Secreted by the Biocontrol Fungus <i>Trichoderma longibrachiatum</i> Triggers a NAADP-Mediated Calcium Signalling Pathway in <i>Lotus japonicus</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2596.	1.8	33
66	Plant growth promoting bacteria: role in soil improvement, abiotic and biotic stress management of crops. <i>Plant Cell Reports</i> , 2018, 37, 1599-1609.	2.8	123
67	The future has roots in the past: the ideas and scientists that shaped mycorrhizal research. <i>New Phytologist</i> , 2018, 220, 982-995.	3.5	53
68	Mycorrhizal Markets, Firms, and Co-ops. <i>Trends in Ecology and Evolution</i> , 2018, 33, 777-789.	4.2	40
69	Ureide metabolism in plant-associated bacteria: purine plant-bacteria interactive scenarios under nitrogen deficiency. <i>Plant and Soil</i> , 2018, 428, 1-34.	1.8	29
70	Down-regulation of a <i>Phaseolus vulgaris</i> annexin impairs rhizobial infection and nodulation. <i>Environmental and Experimental Botany</i> , 2018, 153, 108-119.	2.0	15
71	Partner communication and role of nutrients in the arbuscular mycorrhizal symbiosis. <i>New Phytologist</i> , 2018, 220, 1031-1046.	3.5	188
72	â€˜Slipped Sandwichâ€™ Model for Chitin and Chitosan Perception in <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 1145-1153.	1.4	66
73	Mechanisms Underlying Establishment of Arbuscular Mycorrhizal Symbioses. <i>Annual Review of Phytopathology</i> , 2018, 56, 135-160.	3.5	116

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74	Regulation of pattern recognition receptor signalling by phosphorylation and ubiquitination. <i>Current Opinion in Plant Biology</i> , 2018, 45, 162-170.	3.5	43
75	The role of chloroplasts in plant pathology. <i>Essays in Biochemistry</i> , 2018, 62, 21-39.	2.1	43
76	Dual Color Sensors for Simultaneous Analysis of Calcium Signal Dynamics in the Nuclear and Cytoplasmic Compartments of Plant Cells. <i>Frontiers in Plant Science</i> , 2018, 9, 245.	1.7	42
77	Genetic and Molecular Mechanisms Underlying Symbiotic Specificity in Legume-Rhizobium Interactions. <i>Frontiers in Plant Science</i> , 2018, 9, 313.	1.7	191
78	Structural Insight Into the Role of Mutual Polymorphism and Conservatism in the Contact Zone of the NFR5â€“K1 Heterodimer With the Nod Factor. <i>Frontiers in Plant Science</i> , 2018, 9, 344.	1.7	10
79	Glycans as Modulators of Plant Defense Against Filamentous Pathogens. <i>Frontiers in Plant Science</i> , 2018, 9, 928.	1.7	50
80	Comparative Genomic Analysis of <i>Holospira</i> spp., Intranuclear Symbionts of <i>Paramecia</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 738.	1.5	29
81	Calcium Signalling in Plant Biotic Interactions. <i>International Journal of Molecular Sciences</i> , 2018, 19, 665.	1.8	224
82	Compatibility between Legumes and Rhizobia for the Establishment of a Successful Nitrogen-Fixing Symbiosis. <i>Genes</i> , 2018, 9, 125.	1.0	93
83	Sensing environmental and developmental signals via cellooligomers. <i>Journal of Plant Physiology</i> , 2018, 229, 1-6.	1.6	17
84	Transcriptome Profiles of Nod Factor-independent Symbiosis in the Tropical Legume <i>Aeschynomene evenia</i> . <i>Scientific Reports</i> , 2018, 8, 10934.	1.6	23
85	Pattern Recognition Receptorsâ€”Versatile Genetic Tools for Engineering Broad-Spectrum Disease Resistance in Crops. <i>Agronomy</i> , 2018, 8, 134.	1.3	26
86	Compounds Released by the Biocontrol Yeast <i>Hanseniaspora opuntiae</i> Protect Plants Against <i>Corynespora cassiicola</i> and <i>Botrytis cinerea</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1596.	1.5	26
87	Suppression of innate immunity mediated by the CDPKâ€“boh complex is required for rhizobial colonization in <i>Medicago truncatula</i> nodules. <i>New Phytologist</i> , 2018, 220, 425-434.	3.5	53
88	Legume nodulation: The host controls the party. <i>Plant, Cell and Environment</i> , 2019, 42, 41-51.	2.8	267
89	Expression of the <i>Arabidopsis thaliana</i> immune receptor <i>EFR</i> in <i>Medicago truncatula</i> reduces infection by a root pathogenic bacterium, but not nitrogen-fixing rhizobial symbiosis. <i>Plant Biotechnology Journal</i> , 2019, 17, 569-579.	4.1	42
90	Unprecedented Affinity Labeling of Carbohydrate-Binding Proteins with <i>s</i> -Triazinyl Glycosides. <i>Bioconjugate Chemistry</i> , 2019, 30, 2332-2339.	1.8	3
91	Plant-Microbe Interactions Facing Environmental Challenge. <i>Cell Host and Microbe</i> , 2019, 26, 183-192.	5.1	206

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92	PUB4, a CERK1-Interacting Ubiquitin Ligase, Positively Regulates MAMP-Triggered Immunity in Arabidopsis. <i>Plant and Cell Physiology</i> , 2019, 60, 2573-2583.	1.5	33
93	<i>Plantibacter flavus</i> , <i>Curtobacterium herbarum</i> , <i>Paenibacillus taichungensis</i> , and <i>Rhizobium selenitireducens</i> Endophytes Provide Host-Specific Growth Promotion of <i>Arabidopsis thaliana</i> , Basil, Lettuce, and Bok Choy Plants. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	23
94	Plant-Mycorrhizal and Plant-Rhizobial Interfaces: Underlying Mechanisms and Their Roles in Sustainable Agroecosystems. , 2019, , 27-67.		3
95	Genome-wide identification and evolutionary analysis of TGA transcription factors in soybean. <i>Scientific Reports</i> , 2019, 9, 11186.	1.6	20
96	A calmodulin-gated calcium channel links pathogen patterns to plant immunity. <i>Nature</i> , 2019, 572, 131-135.	13.7	320
97	Safe Cultivation of <i>Medicago sativa</i> in Metal-Polluted Soils from Semi-Arid Regions Assisted by Heat- and Metallo-Resistant PGPR. <i>Microorganisms</i> , 2019, 7, 212.	1.6	61
98	Plant cell-surface GIPC sphingolipids sense salt to trigger Ca <sup>2+</sup> influx. <i>Nature</i> , 2019, 572, 341-346.	13.7	341
99	Beneficial microbes going underground of root immunity. <i>Plant, Cell and Environment</i> , 2019, 42, 2860-2870.	2.8	133
100	Interactions and Coadaptation in Plant Metaorganisms. <i>Annual Review of Phytopathology</i> , 2019, 57, 483-503.	3.5	28
101	Rhizosphere-Associated <i>Pseudomonas</i> Suppress Local Root Immune Responses by Gluconic Acid-Mediated Lowering of Environmental pH. <i>Current Biology</i> , 2019, 29, 3913-3920.e4.	1.8	112
102	A combination of chitoooligosaccharide and lipochitoooligosaccharide recognition promotes arbuscular mycorrhizal associations in <i>Medicago truncatula</i> . <i>Nature Communications</i> , 2019, 10, 5047.	5.8	129
103	Molecular Weapons Contribute to Intracellular Rhizobia Accommodation Within Legume Host Cell. <i>Frontiers in Plant Science</i> , 2019, 10, 1496.	1.7	12
104	Microbial associations enabling nitrogen acquisition in plants. <i>Current Opinion in Microbiology</i> , 2019, 49, 83-89.	2.3	34
106	Calcium-signaling proteins mediate the plant transcriptomic response during a well-established <i>Xanthomonas campestris</i> pv. <i>campestris</i> infection. <i>Horticulture Research</i> , 2019, 6, 103.	2.9	23
107	Legumes display common and host-specific responses to the rhizobial cellulase CelC2 during primary symbiotic infection. <i>Scientific Reports</i> , 2019, 9, 13907.	1.6	8
108	Molecular Characterization of the Transcription Factors in Susceptible Poplar Infected with Virulent <i>Melampsora larici-populina</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 4806.	1.8	5
109	LLG2/3 Are Co-receptors in BUPS/ANX-RALF Signaling to Regulate Arabidopsis Pollen Tube Integrity. <i>Current Biology</i> , 2019, 29, 3256-3265.e5.	1.8	87
110	GhCYP3 improves the resistance of cotton to <i>Verticillium dahliae</i> by inhibiting the E3 ubiquitin ligase activity of GhPUB17. <i>Plant Molecular Biology</i> , 2019, 99, 379-393.	2.0	18

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111	Integrative Analysis of the Wheat PHT1 Gene Family Reveals A Novel Member Involved in Arbuscular Mycorrhizal Phosphate Transport and Immunity. <i>Cells</i> , 2019, 8, 490.	1.8	20
112	Phytohormones, miRNAs, and peptide signals integrate plant phosphorus status with arbuscular mycorrhizal symbiosis. <i>Current Opinion in Plant Biology</i> , 2019, 50, 132-139.	3.5	70
113	The Novel Cerato-Platanin-Like Protein FocCP1 from <i>Fusarium oxysporum</i> Triggers an Immune Response in Plants. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2849.	1.8	30
114	A <i>Lotus japonicus</i> cytoplasmic kinase connects Nod factor perception by the NFR5 LysM receptor to nodulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14339-14348.	3.3	28
115	Sunlight-driven recycling to increase nutrient use-efficiency in agriculture. <i>Algal Research</i> , 2019, 41, 101554.	2.4	12
116	Plant Immunity: Thinking Outside and Inside the Box. <i>Trends in Plant Science</i> , 2019, 24, 587-601.	4.3	111
117	Arbuscular Mycorrhizal Symbiosis Affects Plant Immunity to Viral Infection and Accumulation. <i>Viruses</i> , 2019, 11, 534.	1.5	38
118	Nitric oxide in plant-fungal interactions. <i>Journal of Experimental Botany</i> , 2019, 70, 4489-4503.	2.4	42
119	Immune Responses of Mammals and Plants to Chitin-Containing Pathogens. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1142, 61-81.	0.8	10
120	The LYSIN MOTIF-CONTAINING RECEPTOR-LIKE KINASE 1 protein of banana is required for perception of pathogenic and symbiotic signals. <i>New Phytologist</i> , 2019, 223, 1530-1546.	3.5	27
121	PP2C phosphatase Pic1 negatively regulates the phosphorylation status of Pti1b kinase, a regulator of flagellin-triggered immunity in tomato. <i>Biochemical Journal</i> , 2019, 476, 1621-1635.	1.7	13
122	Nitric oxide and phytohemagglutinin are regulatory elements in the <i>Solanum lycopersicum</i> - <i>Rhizoglyphus irregularis</i> mycorrhizal symbiosis. <i>New Phytologist</i> , 2019, 223, 1560-1574.	3.5	39
123	The inconspicuous gatekeeper: endophytic <i>Serendipita vermifera</i> acts as extended plant protection barrier in the rhizosphere. <i>New Phytologist</i> , 2019, 224, 886-901.	3.5	52
124	Structural Variations in LysM Domains of LysM-RLK PsK1 May Result in a Different Effect on Pea-Rhizobial Symbiosis Development. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1624.	1.8	12
125	The Elaboration of miRNA Regulation and Gene Regulatory Networks in Plant-Microbe Interactions. <i>Genes</i> , 2019, 10, 310.	1.0	13
126	Interplay of plant glycan hydrolases and LysM proteins in plant-Bacteria interactions. <i>International Journal of Medical Microbiology</i> , 2019, 309, 252-257.	1.5	7
127	Overexpression of Arabidopsis Nucleotide-Binding and Leucine-Rich Repeat Genes RPS2 and RPM1(D505V) Confers Broad-Spectrum Disease Resistance in Rice. <i>Frontiers in Plant Science</i> , 2019, 10, 417.	1.7	35
128	Medicago TERPENE SYNTHASE 10 Is Involved in Defense Against an Oomycete Root Pathogen. <i>Plant Physiology</i> , 2019, 180, 1598-1613.	2.3	17



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129	Nodulation Induces Systemic Resistance of <i>Medicago truncatula</i> and <i>Pisum sativum</i> Against <i>Erysiphe pisi</i> and Primes for Powdery Mildew-Triggered Salicylic Acid Accumulation. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1243-1255.	1.4	25
130	Actin Cytoskeleton as Actor in Upstream and Downstream of Calcium Signaling in Plant Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1403.	1.8	39
131	Early signalling mechanisms underlying receptor kinase-mediated immunity in plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180310.	1.8	18
132	Transcriptomic Profiling of Rice Seedlings Inoculated with the Symbiotic Fungus <i>Trichoderma asperellum</i> SL2. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 1507-1515.	2.8	35
133	Beneficial effects of endophytic fungi colonization on plants. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3327-3340.	1.7	157
134	Trading on the arbuscular mycorrhiza market: from arbuscules to common mycorrhizal networks. <i>New Phytologist</i> , 2019, 223, 1127-1142.	3.5	237
135	The Role of Gibberellins and Brassinosteroids in Nodulation and Arbuscular Mycorrhizal Associations. <i>Frontiers in Plant Science</i> , 2019, 10, 269.	1.7	44
136	Plant cell surface immune receptor complex signaling. <i>Current Opinion in Plant Biology</i> , 2019, 50, 18-28.	3.5	75
137	Osmotic stress activates <i>nif</i> and <i>fix</i> genes and induces the <i>Rhizobium tropici</i> CIAT 899 Nod factor production via NodD2 by up-regulation of the <i>nodA2</i> operon and the <i>nodA3</i> gene. <i>PLoS ONE</i> , 2019, 14, e0213298.	1.1	19
138	The Pathway to Intelligence: Using Stimuli-Responsive Materials as Building Blocks for Constructing Smart and Functional Systems. <i>Advanced Materials</i> , 2019, 31, e1804540.	11.1	169
139	Redox Systemic Signaling and Induced Tolerance Responses During Soybean- <i>Bradyrhizobium japonicum</i> Interaction: Involvement of Nod Factor Receptor and Autoregulation of Nodulation. <i>Frontiers in Plant Science</i> , 2019, 10, 141.	1.7	25
140	Messages From the Past: New Insights in Plant Lectin Evolution. <i>Frontiers in Plant Science</i> , 2019, 10, 36.	1.7	35
141	Immune Signaling Pathway during Terminal Bacteroid Differentiation in Nodules. <i>Trends in Plant Science</i> , 2019, 24, 299-302.	4.3	11
142	The Infection Unit: An Overlooked Conceptual Unit for Arbuscular Mycorrhizal Function. , 2019, , .		3
143	Chitotetraose activates the fungal-dependent endosymbiotic signaling pathway in actinorhizal plant species. <i>PLoS ONE</i> , 2019, 14, e0223149.	1.1	2
144	Bio-control agents activate plant immune response and prime susceptible tomato against root-knot nematodes. <i>PLoS ONE</i> , 2019, 14, e0213230.	1.1	57
145	Glycerol-3-phosphate mediates rhizobia-induced systemic signaling in soybean. <i>Nature Communications</i> , 2019, 10, 5303.	5.8	31
146	Proteomics: a powerful tool to study plant responses to biotic stress. <i>Plant Methods</i> , 2019, 15, 135.	1.9	92

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147	Ectopic activation of cortical cell division during the accommodation of arbuscular mycorrhizal fungi. <i>New Phytologist</i> , 2019, 221, 1036-1048.	3.5	38
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