

A proteomic atlas of the legume *Medicago truncatula* and its endosymbiont *Sinorhizobium meliloti*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Physiological Responses and Gene Co-Expression Network of Mycorrhizal Roots under K ⁺ Deprivation. <i>Plant Physiology</i> , 2017, 173, 1811-1823.	4.8	69
2	Nodule cysteine-rich peptides maintain a working balance during nitrogen-fixing symbiosis. <i>Nature Plants</i> , 2017, 3, 17048.	9.3	74
3	Metabolic Integration of Bacterial Endosymbionts through Antimicrobial Peptides. <i>Trends in Microbiology</i> , 2017, 25, 703-712.	7.7	64
4	Estimating the Efficiency of Phosphopeptide Identification by Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1127-1135.	2.8	6
5	Genome-Wide Identification of <i>Medicago</i> Peptides Involved in Macronutrient Responses and Nodulation. <i>Plant Physiology</i> , 2017, 175, 1669-1689.	4.8	101
6	Ascorbate Metabolism and Nitrogen Fixation in Legumes. , 2017, , 471-490.		1
7	A Proteomic View on the Role of Legume Symbiotic Interactions. <i>Frontiers in Plant Science</i> , 2017, 8, 1267.	3.6	42
8	Integrated analysis of zone-specific protein and metabolite profiles within nitrogen-fixing <i>Medicago truncatula</i> - <i>Sinorhizobium medicae</i> nodules. <i>PLoS ONE</i> , 2017, 12, e0180894.	2.5	14
9	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.	2.4	13
10	Draft Genome Sequence of the Nitrogen-Fixing <i>Rhizobium sulae</i> Type Strain IS123T Focusing on the Key Genes for Symbiosis with its Host <i>Hedysarum coronarium</i> L. <i>Frontiers in Microbiology</i> , 2017, 8, 1348.	3.5	15
11	Role of antimicrobial peptides in controlling symbiotic bacterial populations. <i>Natural Product Reports</i> , 2018, 35, 336-356.	10.3	95
12	Fungal-induced protein hyperacetylation in maize identified by acetylome profiling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 210-215.	7.1	71
13	Nonspecific Symbiosis Between <i>Sophora flavescens</i> and Different Rhizobia. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 224-232.	2.6	15
14	Proteomic Profile of the Bacterium <i>Sinorhizobium meliloti</i> Depends on Its Life Form and Host Plant Species. <i>Molecular Biology</i> , 2018, 52, 779-785.	1.3	1
15	Sulfur Transport and Metabolism in Legume Root Nodules. <i>Frontiers in Plant Science</i> , 2018, 9, 1434.	3.6	49
16	The intertwined metabolism during symbiotic nitrogen fixation elucidated by metabolic modelling. <i>Scientific Reports</i> , 2018, 8, 12504.	3.3	45
17	Down-regulation of a <i>Phaseolus vulgaris</i> annexin impairs rhizobial infection and nodulation. <i>Environmental and Experimental Botany</i> , 2018, 153, 108-119.	4.2	15
18	Proteomic analysis dissects the impact of nodulation and biological nitrogen fixation on <i>Vicia faba</i> root nodule physiology. <i>Plant Molecular Biology</i> , 2018, 97, 233-251.	3.9	19

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19	Impact of Plant Peptides on Symbiotic Nodule Development and Functioning. <i>Frontiers in Plant Science</i> , 2018, 9, 1026.	3.6	44
20	Root Development in <i>Medicago truncatula</i> : Lessons from Genetics to Functional Genomics. <i>Methods in Molecular Biology</i> , 2018, 1822, 205-239.	0.9	4
21	Functional Genomics Approaches to Studying Symbioses between Legumes and Nitrogen-Fixing Rhizobia. <i>High-Throughput</i> , 2018, 7, 15.	4.4	29
22	Quantitative proteomics of psychotrophic diazotroph in response to nitrogen deficiency and cold stress. <i>Journal of Proteomics</i> , 2018, 187, 235-242.	2.4	29
23	Concepts and strategies of soybean seed proteomics using the shotgun proteomics approach. <i>Expert Review of Proteomics</i> , 2019, 16, 795-804.	3.0	21
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25	Molecular Weapons Contribute to Intracellular Rhizobia Accommodation Within Legume Host Cell. <i>Frontiers in Plant Science</i> , 2019, 10, 1496.	3.6	12
26	Plantâ€“Microbe Symbiosis: What Has Proteomics Taught Us?. <i>Proteomics</i> , 2019, 19, e1800105.	2.2	22
27	An Integrated Systems Approach Unveils New Aspects of Microoxia-Mediated Regulation in <i>Bradyrhizobium diazoefficiens</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 924.	3.5	31
28	Quantitative phosphoproteomic analyses provide evidence for extensive phosphorylation of regulatory proteins in the rhizobiaâ€“legume symbiosis. <i>Plant Molecular Biology</i> , 2019, 100, 265-283.	3.9	8
29	Oxygen sequestration by Leghemoglobin is positively regulated via its interaction with another late nodulin, Nlj16 of <i>Lotus japonicus</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2019, 28, 414-423.	1.7	2
30	A Multiplex Fragment-Ion-Based Method for Accurate Proteome Quantification. <i>Analytical Chemistry</i> , 2019, 91, 3921-3928.	6.5	13
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33	MS-Helios: a Circos wrapper to visualize multi-omic datasets. <i>BMC Bioinformatics</i> , 2019, 20, 21.	2.6	9
34	Exploring the evolutionary dynamics of <i>Rhizobium</i> plasmids through bipartite network analysis. <i>Environmental Microbiology</i> , 2020, 22, 934-951.	3.8	7
37	Elucidation of the miR164c-Guided Gene/Protein Interaction Network Controlling Seed Vigor in Rice. <i>Frontiers in Plant Science</i> , 2020, 11, 589005.	3.6	6
38	Label-free quantitative proteomic analysis of alfalfa in response to microRNA156 under high temperature. <i>BMC Genomics</i> , 2020, 21, 758.	2.8	8

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39	Phylogenomic Review of Root Nitrogen-Fixing Symbiont Population Nodulating Northwestern African Wild Legumes. , 2020, , .		1
40	Improving the Identification and Coverage of Plant Transmembrane Proteins in Medicago Using Bottomâ€“Up Proteomics. Frontiers in Plant Science, 2020, 11, 595726.	3.6	2
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58	Differential proteome analysis of <i>Â</i> pea roots at the early stages of <i>Â</i> symbiosis with nodule bacteria. <i>Vavilovskii Zhurnal Genetiki I Seleksii</i> , 2018, 22, 196-204.	1.1	3
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60	Genome-Wide Analyses of Proteome and Acetylome in <i>Zymomonas mobilis</i> Under N ₂ -Fixing Condition. <i>Frontiers in Microbiology</i> , 2021, 12, 740555.	3.5	0
62	Advances in proteome-wide analysis of plant lysine acetylation. <i>Plant Communications</i> , 2022, 3, 100266.	7.7	8
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70	Full Issue PDF. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 1336-1464.	2.6	0
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