# Masayoshi Kawaguchi

## List of Publications by Year
## in descending order

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| 130 | 10,035 | 39113<br>52 | 42259<br>96 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 140 | 140 | 140 | 6494 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Asymbiotic mass production of the arbuscular mycorrhizal fungus Rhizophagus clarus. Communications Biology, 2022, 5, 43. | 2.0 | 22 |
| 2 | Taxonomic revision of <i>Termitomyces</i> species found in Ryukyu Archipelago, Japan, based on phylogenetic analyses with three loci. Mycoscience, 2022, 63, 33-38. | 0.3 | 3 |
| 3 | Nitrate transport via NRT2.1 mediates NIN-LIKE PROTEIN-dependent suppression of root nodulation in <i>Lotus japonicus</i>. Plant Cell, 2022, 34, 1844-1862. | 3.1 | 21 |
| 4 | Lotus japonicus HAR1 regulates root morphology locally and systemically under a moderate nitrate condition in the absence of rhizobia. Planta, 2022, 255, 95. | 1.6 | 3 |
| 5 | Auxin methylation by <i>IAMT1</i> , duplicated in the legume lineage, promotes root nodule development in <i>Lotus japonicus</i>. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2116549119. | 3.3 | 8 |
| 6 | Endogenous gibberellins affect root nodule symbiosis via transcriptional regulation of NODULE INCEPTION in Lotus japonicus. Plant Journal, 2021, 105, 1507-1520. | 2.8 | 17 |
| 7 | Leguminous nodule symbiosis involves recruitment of factors contributing to lateral root development. Current Opinion in Plant Biology, 2021, 59, 102000. | 3.5 | 24 |
| 8 | Mutants of Lotus japonicus deficient in flavonoid biosynthesis. Journal of Plant Research, 2021, 134, 341-352. | 1.2 | 6 |
| 9 | Different DNA-binding specificities of NLP and NIN transcription factors underlie nitrate-induced control of root nodulation. Plant Cell, 2021, 33, 2340-2359. | 3.1 | 52 |
| 10 | Systemic Optimization of Legume Nodulation: A Shoot-Derived Regulator, miR2111. Frontiers in Plant Science, 2021, 12, 682486. | 1.7 | 11 |
| 11 | CLE-HAR1 Systemic Signaling and NIN-Mediated Local Signaling Suppress the Increased Rhizobial Infection in the daphne Mutant of Lotus japonicus. Molecular Plant-Microbe Interactions, 2020, 33, 320-327. | 1.4 | 8 |
| 12 | Spatial regulation of resource allocation in response to nutritional availability. Journal of Theoretical Biology, 2020, 486, 110078. | 0.8 | 3 |
| 13 | Assessment of Polygala paniculata (Polygalaceae) characteristics for evolutionary studies of legumeâ€“rhizobia symbiosis. Journal of Plant Research, 2020, 133, 109-122. | 1.2 | 3 |
| 14 | Myristate can be used as a carbon and energy source for the asymbiotic growth of arbuscular mycorrhizal fungi. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25779-25788. | 3.3 | 67 |
| 15 | MIR2111-5 locus and shoot-accumulated mature miR2111 systemically enhance nodulation depending on HAR1 in Lotus japonicus. Nature Communications, 2020, 11, 5192. | 5.8 | 31 |
| 16 | Autoregulation of nodulation pathway is dispensable for nitrate-induced control of rhizobial infection. Plant Signaling and Behavior, 2020, 15, 1733814. | 1.2 | 10 |
| 17 | Mechanisms of Rice Endophytic Bradyrhizobial Cell Differentiation and Its Role in Nitrogen Fixation. Microbes and Environments, 2020, 35, n/a. | 0.7 | 3 |
| 18 | Reactive Sulfur Species Interact with Other Signal Molecules in Root Nodule Symbiosis in Lotus japonicus. Antioxidants, 2020, 9, 145. | 2.2 | 16 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | ERN1 and CYCLOPS coordinately activate NIN signaling to promote infection thread formation in Lotus japonicus. Journal of Plant Research, 2019, 132, 641-653. | 1.2 | 19 |
| 20 | Structure-Specific Regulation of Nutrient Transport and Metabolism in Arbuscular Mycorrhizal Fungi. Plant and Cell Physiology, 2019, 60, 2272-2281. | 1.5 | 30 |
| 21 | Stimulation of asymbiotic sporulation in arbuscular mycorrhizal fungi by fatty acids. Nature Microbiology, 2019, 4, 1654-1660. | 5.9 | 58 |
| 22 | A shared gene drives lateral root development and root nodule symbiosis pathways in <i>Lotus</i>. Science, 2019, 366, 1021-1023. | 6.0 | 135 |
| 23 | LACK OF SYMBIONT ACCOMMODATION controls intracellular symbiont accommodation in root nodule and arbuscular mycorrhizal symbiosis in Lotus japonicus. PLoS Genetics, 2019, 15, e1007865. | 1.5 | 23 |
| 24 | PLENTY, a hydroxyprolineO-arabinosyltransferase, negatively regulates root nodule symbiosis inLotus japonicus. Journal of Experimental Botany, 2019, 70, 507-517. | 2.4 | 23 |
| 25 | A NIN-LIKE PROTEIN mediates nitrate-induced control of root nodule symbiosis inÂLotus japonicus. Nature Communications, 2018, 9, 499. | 5.8 | 144 |
| 26 | Lossâ€ofâ€function of <scp>ASPARTIC PEPTIDASE NODULE</scp>â€<scp>INDUCED</scp> 1 (<scp>APN</scp>1) in <i>Lotus japonicus</i> restricts efficient nitrogenâ€fixing symbiosis with specific <i>Mesorhizobium loti</i> strains. Plant Journal, 2018, 93, 5-16. | 2.8 | 46 |
| 27 | Spatial regularity control of phyllotaxis pattern generated by the mutual interaction between auxin and PIN1. PLoS Computational Biology, 2018, 14, e1006065. | 1.5 | 9 |
| 28 | The genome of Rhizophagus clarus HR1 reveals a common genetic basis for auxotrophy among arbuscular mycorrhizal fungi. BMC Genomics, 2018, 19, 465. | 1.2 | 91 |
| 29 | Evidence of non-tandemly repeated rDNAs and their intragenomic heterogeneity in Rhizophagus irregularis. Communications Biology, 2018, 1, 87. | 2.0 | 55 |
| 30 | Spatiotemporal deep imaging of syncytium induced by the soybean cyst nematode Heterodera glycines. Protoplasma, 2017, 254, 2107-2115. | 1.0 | 19 |
| 31 | Fluorescent Labeling of the Cyst Nematode <i>Heterodera glycines</i> in Deep-Tissue Live Imaging. Cytologia, 2017, 82, 251-259. | 0.2 | 0 |
| 32 | Aquaporinâ€mediated longâ€distance polyphosphate translocation directed towards the host in arbuscular mycorrhizal symbiosis: application of virusâ€induced gene silencing. New Phytologist, 2016, 211, 1202-1208. | 3.5 | 122 |
| 33 | Function and evolution of aLotus japonicusAP2/ERF family transcription factor that is required for development of infection threads. DNA Research, 2016, 24, dsw052. | 1.5 | 36 |
| 34 | The relationship between thiamine and two symbioses: Root nodule symbiosis and arbuscular mycorrhiza. Plant Signaling and Behavior, 2016, 11, e1265723. | 1.2 | 29 |
| 35 | The Thiamine Biosynthesis Gene THI1 Promotes Nodule Growth and Seed Maturation. Plant Physiology, 2016, 172, 2033-2043. | 2.3 | 38 |
| 36 | Strigolactone-Induced Putative Secreted Protein 1 Is Required for the Establishment of Symbiosis by the Arbuscular Mycorrhizal Fungus <i>Rhizophagus irregularis</i>. Molecular Plant-Microbe Interactions, 2016, 29, 277-286. | 1.4 | 136 |

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|---|---|---|---|
| 37 | Expression of the CLE-RS3 gene suppresses root nodulation in Lotus japonicus. Journal of Plant Research, 2016, 129, 909-919. | 1.2 | 59 |
| 38 | A comprehensive strategy for identifying longâ€distance mobile peptides in xylem sap. Plant Journal, 2015, 84, 611-620. | 2.8 | 51 |
| 39 | Shoot HAR1 mediates nitrate inhibition of nodulation in<i>Lotus japonicus</i>. Plant Signaling and Behavior, 2015, 10, e1000138. | 1.2 | 29 |
| 40 | RNA-seq Transcriptional Profiling of an Arbuscular Mycorrhiza Provides Insights into Regulated and Coordinated Gene Expression in<i>Lotus japonicus</i>and<i>Rhizophagus irregularis</i>. Plant and Cell Physiology, 2015, 56, 1490-1511. | 1.5 | 140 |
| 41 | Leguminous Plants: Inventors of Root Nodules to Accommodate Symbiotic Bacteria. International Review of Cell and Molecular Biology, 2015, 316, 111-158. | 1.6 | 133 |
| 42 | Oriented cell division shapes carnivorous pitcher leaves of Sarracenia purpurea. Nature Communications, 2015, 6, 6450. | 5.8 | 50 |
| 43 | Gibberellin regulates infection and colonization of host roots by arbuscular mycorrhizal fungi. Plant Signaling and Behavior, 2015, 10, e1028706. | 1.2 | 18 |
| 44 | Gibberellins Interfere with Symbiosis Signaling and Gene Expression and Alter Colonization by Arbuscular Mycorrhizal Fungi in <i>Lotus japonicus</i> Â. Plant Physiology, 2015, 167, 545-557. | 2.3 | 120 |
| 45 | Molecular Framework of a Regulatory Circuit Initiating Two-Dimensional Spatial Patterning of Stomatal Lineage. PLoS Genetics, 2015, 11, e1005374. | 1.5 | 74 |
| 46 | Molecular Characterization of LjABCG1, an ATP-Binding Cassette Protein in Lotus japonicus. PLoS ONE, 2015, 10, e0139127. | 1.1 | 7 |
| 47 | Evolutionary Dynamics of Nitrogen Fixation in the Legumeâ€“Rhizobia Symbiosis. PLoS ONE, 2014, 9, e93670. | 1.1 | 53 |
| 48 | Transcriptomic profiles of nodule senescence in &lt;i&gt;Lotus japonicus&lt;/i&gt; and &lt;i&gt;Mesorhizobium loti&lt;/i&gt; symbiosis. Plant Biotechnology, 2014, 31, 345-349. | 0.5 | 17 |
| 49 | Polymorphisms of E1 and GIGANTEA in wild populations of Lotus japonicus. Journal of Plant Research, 2014, 127, 651-660. | 1.2 | 5 |
| 50 | Common symbiosis genesCERBERUSandNSP1provide additional insight into the establishment of arbuscular mycorrhizal and root nodule symbioses inLotus japonicus. Plant Signaling and Behavior, 2014, 9, e28544. | 1.2 | 9 |
| 51 | Genes for Autoregulation of Nodulation. Compendium of Plant Genomes, 2014, , 73-78. | 0.3 | 0 |
| 52 | Isolation and Phenotypic Characterization of Lotus japonicus Mutants Specifically Defective in Arbuscular Mycorrhizal Formation. Plant and Cell Physiology, 2014, 55, 928-941. | 1.5 | 14 |
| 53 | Shoot-derived cytokinins systemically regulate root nodulation. Nature Communications, 2014, 5, 4983. | 5.8 | 199 |
| 54 | Polyphosphate accumulation is driven by transcriptome alterations that lead to nearâ€synchronous and nearâ€equivalent uptake of inorganic cations in an arbuscular mycorrhizal fungus. New Phytologist, 2014, 204, 638-649. | 3.5 | 63 |

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|---|---|---|---|
| 55 | A Positive Regulator of Nodule Organogenesis, NODULE INCEPTION, Acts as a Negative Regulator of Rhizobial Infection in <i>Lotus japonicus</i> Â Â. Plant Physiology, 2014, 165, 747-758. | 2.3 | 84 |
| 56 | Root nodulation: a developmental program involving cell fate conversion triggered by symbiotic bacterial infection. Current Opinion in Plant Biology, 2014, 21, 16-22. | 3.5 | 64 |
| 57 | NODULE INCEPTION creates a long-distance negative feedback loop involved in homeostatic regulation of nodule organ production. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14607-14612. | 3.3 | 175 |
| 58 | Endoreduplication-mediated initiation of symbiotic organ development in <i>Lotus japonicus</i>. Development (Cambridge), 2014, 141, 2441-2445. | 1.2 | 52 |
| 59 | Wild Accessions and Mutant Resources. Compendium of Plant Genomes, 2014, , 211-220. | 0.3 | 0 |
| 60 | Root-derived CLE glycopeptides control nodulation by direct binding to HAR1 receptor kinase. Nature Communications, 2013, 4, 2191. | 5.8 | 292 |
| 61 | Genome of an arbuscular mycorrhizal fungus provides insight into the oldest plant symbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20117-20122. | 3.3 | 717 |
| 62 | CERBERUS and NSP1 of Lotus japonicus are Common Symbiosis Genes that Modulate Arbuscular Mycorrhiza Development. Plant and Cell Physiology, 2013, 54, 1711-1723. | 1.5 | 78 |
| 63 | Two Distinct EIN2 Genes Cooperatively Regulate Ethylene Signaling in Lotus japonicus.. Plant and Cell Physiology, 2013, 54, 1469-1477. | 1.5 | 55 |
| 64 | <i>TRICOT</i>encodes an AMP1-related carboxypeptidase that regulates root nodule development and shoot apical meristem maintenance in<i>Lotus japonicus</i>. Development (Cambridge), 2013, 140, 353-361. | 1.2 | 21 |
| 65 | Pattern formation by two-layer Turing system with complementarysynthesis. Journal of Theoretical Biology, 2013, 322, 33-45. | 0.8 | 8 |
| 66 | Genetic basis of cytokinin and auxin functions during root nodule development. Frontiers in Plant Science, 2013, 4, 42. | 1.7 | 65 |
| 67 | Induction of localized auxin response during spontaneous nodule development in<i>Lotus japonicus</i>. Plant Signaling and Behavior, 2013, 8, e23359. | 1.2 | 9 |
| 68 | Pattern Dynamics in Adaxial-Abaxial Specific Gene Expression Are Modulated by a Plastid Retrograde Signal during Arabidopsis thaliana Leaf Development. PLoS Genetics, 2013, 9, e1003655. | 1.5 | 44 |
| 69 | Down-Regulation of NSP2 Expression in Developmentally Young Regions of Lotus japonicus Roots in Response to Rhizobial Inoculation. Plant and Cell Physiology, 2013, 54, 518-527. | 1.5 | 16 |
| 70 | TOO MUCH LOVE, a Novel Kelch Repeat-Containing F-box Protein, Functions in the Long-Distance Regulation of the Legumeâ€“Rhizobium Symbiosis. Plant and Cell Physiology, 2013, 54, 433-447. | 1.5 | 110 |
| 71 | Grafting analysis indicates that malfunction ofTRICOTin the root causes a nodulation-deficient phenotype inLotus japonicus. Plant Signaling and Behavior, 2013, 8, e23497. | 1.2 | 0 |
| 72 | The transcription activation and homodimerization ofLotus japonicusNod factor Signaling Pathway2 protein. Plant Signaling and Behavior, 2013, 8, e26457. | 1.2 | 3 |

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|---|---|---|---|
| 73 | Hairy Root Transformation in Lotus japonicus. Bio-protocol, 2013, 3, . | 0.2 | 15 |
| 74 | The Integral Membrane Protein SEN1 is Required for Symbiotic Nitrogen Fixation in Lotus japonicus Nodules. Plant and Cell Physiology, 2012, 53, 225-236. | 1.5 | 95 |
| 75 | Conserved genetic determinant of motor organ identity in <i>Medicago truncatula</i> and related legumes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11723-11728. | 3.3 | 57 |
| 76 | A Set of Lotus japonicus Gifu x Lotus burttii Recombinant Inbred Lines Facilitates Map-based Cloning and QTL Mapping. DNA Research, 2012, 19, 317-323. | 1.5 | 40 |
| 77 | The SNARE Protein SYP71 Expressed in Vascular Tissues Is Involved in Symbiotic Nitrogen Fixation in <i>Lotus japonicus</i> Nodules Â Â. Plant Physiology, 2012, 160, 897-905. | 2.3 | 36 |
| 78 | Positive and negative regulation of cortical cell division during root nodule development in <i>Lotus japonicus</i> is accompanied by auxin response. Development (Cambridge), 2012, 139, 3997-4006. | 1.2 | 186 |
| 79 | Strategy for shoot meristem proliferation in plants. Plant Signaling and Behavior, 2011, 6, 1851-1854. | 1.2 | 3 |
| 80 | Reaction-Diffusion Pattern in Shoot Apical Meristem of Plants. PLoS ONE, 2011, 6, e18243. | 1.1 | 45 |
| 81 | The <i>Clavata2</i> genes of pea and <i>Lotus japonicus</i> affect autoregulation of nodulation. Plant Journal, 2011, 65, 861-871. | 2.8 | 110 |
| 82 | Expression and Functional Analysis of a CLV3-Like Gene in the Model Legume Lotus japonicus. Plant and Cell Physiology, 2011, 52, 1211-1221. | 1.5 | 10 |
| 83 | Two CLE genes are induced by phosphate in roots of Lotus japonicus. Journal of Plant Research, 2011, 124, 155-163. | 1.2 | 39 |
| 84 | The evolution of symbiotic systems. Cellular and Molecular Life Sciences, 2011, 68, 1283-1284. | 2.4 | 2 |
| 85 | Plant-Microbe Communications for Symbiosis. Plant and Cell Physiology, 2010, 51, 1377-1380. | 1.5 | 67 |
| 86 | <i>NENA</i>, a <i>Lotus japonicus</i> Homolog of <i>Sec13</i>, Is Required for Rhizodermal Infection by Arbuscular Mycorrhiza Fungi and Rhizobia but Dispensable for Cortical Endosymbiotic Development Â. Plant Cell, 2010, 22, 2509-2526. | 3.1 | 215 |
| 87 | The receptor-like kinase KLAVIER mediates systemic regulation of nodulation and non-symbiotic shoot development in <i>Lotus japonicus</i>. Development (Cambridge), 2010, 137, 4317-4325. | 1.2 | 109 |
| 88 | plenty, a Novel Hypernodulation Mutant in Lotus japonicus. Plant and Cell Physiology, 2010, 51, 1425-1435. | 1.5 | 38 |
| 89 | How Many Peas in a Pod? Legume Genes Responsible for Mutualistic Symbioses Underground. Plant and Cell Physiology, 2010, 51, 1381-1397. | 1.5 | 227 |
| 90 | Analysis of two potential long-distance signaling molecules,LjCLE-RS1/2and jasmonic acid, in a hypernodulating mutanttoo much love. Plant Signaling and Behavior, 2010, 5, 403-405. | 1.2 | 9 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 91 | Nod Factor/Nitrate-Induced CLE Genes that Drive HAR1-Mediated Systemic Regulation of Nodulation. Plant and Cell Physiology, 2009, 50, 67-77. | 1.5 | 342 |
| 92 | Conservation of <i>Lotus</i> and Arabidopsis Basic Helix-Loop-Helix Proteins Reveals New Players in Root Hair Development Â Â. Plant Physiology, 2009, 151, 1175-1185. | 2.3 | 113 |
| 93 | Long-Distance Control of Nodulation: Molecules and Models. Molecules and Cells, 2009, 27, 129-134. | 1.0 | 57 |
| 94 | Host plant genome overcomes the lack of a bacterial gene for symbiotic nitrogen fixation. Nature, 2009, 462, 514-517. | 13.7 | 103 |
| 95 | Reactions of Lotus japonicus ecotypes and mutants to root parasitic plants. Journal of Plant Physiology, 2009, 166, 353-362. | 1.6 | 20 |
| 96 | <i>TOO MUCH LOVE</i>, a Root Regulator Associated with the Long-Distance Control of Nodulation in <i>Lotus japonicus</i>. Molecular Plant-Microbe Interactions, 2009, 22, 259-268. | 1.4 | 114 |
| 97 | CYCLOPS, a mediator of symbiotic intracellular accommodation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20540-20545. | 3.3 | 398 |
| 98 | Requirement for Mesorhizobium loti Ornithine Transcarbamoylase for Successful Symbiosis with Lotus japonicus as Revealed by an Unexpected Long-Range Genome Deletion. Plant and Cell Physiology, 2008, 49, 301-313. | 1.5 | 11 |
| 99 | Morphological Effects of Sinefungin, an Inhibitor of S-Adenosylmethionine-Dependent Methyltransferases, on Anabaena sp. PCC 7120. Microbes and Environments, 2008, 23, 346-349. | 0.7 | 2 |
| 100 | NUCLEOPORIN85 Is Required for Calcium Spiking, Fungal and Bacterial Symbioses, and Seed Production in Lotus japonicus. Plant Cell, 2007, 19, 610-624. | 3.1 | 309 |
| 101 | Isolation and Characterization of Arbuscules from Roots of an Increased-arbuscule-forming Mutant of Lotus japonicus. Annals of Botany, 2007, 100, 1599-1603. | 1.4 | 2 |
| 102 | New Nodulation Mutants Responsible for Infection Thread Development in Lotus japonicus. Molecular Plant-Microbe Interactions, 2006, 19, 801-810. | 1.4 | 32 |
| 103 | Genetics of Symbiosis in Lotus japonicus: Recombinant Inbred Lines, Comparative Genetic Maps, and Map Position of 35 Symbiotic Loci. Molecular Plant-Microbe Interactions, 2006, 19, 80-91. | 1.4 | 94 |
| 104 | Deregulation of a Ca2+/calmodulin-dependent kinase leads to spontaneous nodule development. Nature, 2006, 441, 1153-1156. | 13.7 | 400 |
| 105 | Long-distance signaling to control root nodule number. Current Opinion in Plant Biology, 2006, 9, 496-502. | 3.5 | 169 |
| 106 | Positional Cloning Identifies Lotus japonicus NSP2, A Putative Transcription Factor of the GRAS Family, Required for NIN and ENOD40 Gene Expression in Nodule Initiation. DNA Research, 2006, 13, 255-265. | 1.5 | 129 |
| 107 | Shoot-applied MeJA Suppresses Root Nodulation in Lotus japonicus. Plant and Cell Physiology, 2006, 47, 176-180. | 1.5 | 129 |
| 108 | klavier (klv), A novel hypernodulation mutant of Lotus japonicus affected in vascular tissue organization and floral induction. Plant Journal, 2005, 44, 505-515. | 2.8 | 114 |

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|---|---|---|---|
| 109 | Plastid proteins crucial for symbiotic fungal and bacterial entry into plant roots. Nature, 2005, 433, 527-531. | 13.7 | 391 |
| 110 | Characterization of the Lotus japonicus Symbiotic Mutant lot1 That Shows a Reduced Nodule Number and Distorted Trichomes. Plant Physiology, 2005, 137, 1261-1271. | 2.3 | 31 |
| 111 | Lotus burttii Takes a Position of the Third Corner in the Lotus Molecular Genetics Triangle. DNA Research, 2005, 12, 69-77. | 1.5 | 38 |
| 112 | The Sulfate Transporter SST1 Is Crucial for Symbiotic Nitrogen Fixation in Lotus japonicus Root Nodules. Plant Cell, 2005, 17, 1625-1636. | 3.1 | 227 |
| 113 | â€œActivatorâ€•and â€œInibitorâ€•Leading to Generation and Stabilization of Symbiotic Organ Development in Legume. , 2005, , 179-182. |  | 1 |
| 114 | Pollen Development and Tube Growth are Affected in the Symbiotic Mutant of Lotus japonicus, crinkle. Plant and Cell Physiology, 2004, 45, 511-520. | 1.5 | 29 |
| 115 | Partial purification of an enzyme hydrolyzing indole-3-acetamide from rice cells. Journal of Plant Research, 2004, 117, 191-8. | 1.2 | 14 |
| 116 | cDNA Macroarray Analysis of Gene Expression in Ineffective Nodules Induced on the Lotus japonicus sen1 Mutant. Molecular Plant-Microbe Interactions, 2004, 17, 1223-1233. | 1.4 | 25 |
| 117 | SLEEPLESS, a gene conferring nyctinastic movement in legume. Journal of Plant Research, 2003, 116, 151-154. | 1.2 | 19 |
| 118 | crinkle, a Novel Symbiotic Mutant That Affects the Infection Thread Growth and Alters the Root Hair, Trichome, and Seed Development in Lotus japonicus Â. Plant Physiology, 2003, 131, 1054-1063. | 2.3 | 77 |
| 119 | Root, Root Hair, and Symbiotic Mutants of the Model Legume Lotus japonicus. Molecular Plant-Microbe Interactions, 2002, 15, 17-26. | 1.4 | 150 |
| 120 | The Novel Symbiotic Phenotype of Enhanced-Nodulating Mutant of Lotus japonicus: astray Mutant is an Early Nodulating Mutant with Wider Nodulation Zone. Plant and Cell Physiology, 2002, 43, 853-859. | 1.5 | 56 |
| 121 | A Lotus basic leucine zipper protein with a RING-finger motif negatively regulates the developmental program of nodulation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15206-15210. | 3.3 | 113 |
| 122 | HAR1 mediates systemic regulation of symbiotic organ development. Nature, 2002, 420, 426-429. | 13.7 | 487 |
| 123 | Responses of a Model Legume Lotus japonicus to Lipochitin Oligosaccharide Nodulation Factors Purified from Mesorhizobium loti JRL501. Molecular Plant-Microbe Interactions, 2001, 14, 848-856. | 1.4 | 77 |
| 124 | Characterization of Mycorrhizas Formed by Glomus sp. on Roots of Hypernodulating Mutants of Lotus japonicus. Journal of Plant Research, 2000, 113, 443-448. | 1.2 | 72 |
| 125 | Current Development of Lotus japonicus Research. Journal of Plant Research, 2000, 113, 449-449. | 1.2 | 2 |
| 126 | Nodule Organogenesis in Lotus japonicus. Journal of Plant Research, 2000, 113, 489-495. | 1.2 | 19 |

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|---|---|---|---|
| 127 | Lotus japonicus `Miyakojima' MG-20: An Early-Flowering Accession Suitable for Indoor Handling. Journal of Plant Research, 2000, 113, 507-509. | 1.2 | 81 |
| 128 | The Excessive Production of Indole-3-Acetic Acid and Its Significance in Studies of the Biosynthesis of This Regulator of Plant Growth and Development. Plant and Cell Physiology, 1996, 37, 1043-1048. | 1.5 | 36 |
| 129 | The Presence of an Enzyme that Converts Indole-3-acetamide into IAA in Wild and Cultivated Rice. Plant and Cell Physiology, 1991, 32, 143-149. | 1.5 | 45 |
| 130 | Systemic Regulation of Root Nodule Formation. , 0, , . |  | 16 |