Takashi Soyano

List of Publications by Year
in descending order

32 papers	3,468 citations	193469 27 h-index	406909 32 g-index
35 all docs	35 docs citations	35 times ranked	3446 citing authors

#	Article	IF	Citations
1	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.	7.6	13
2	Leguminous nodule symbiosis involves recruitment of factors contributing to lateral root development. Current Opinion in Plant Biology, 2021, 59, 102000.	7.4	26
3	Assessment of Polygala paniculata (Polygalaceae) characteristics for evolutionary studies of legumeâ€“rhizobia symbiosis. Journal of Plant Research, 2020, 133, 109-122.	2.4	3
4	MIR2111-5 locus and shoot-accumulated mature miR2111 systemically enhance nodulation depending on HAR1 in Lotus japonicus. Nature Communications, 2020, 11, 5192.	13.2	34
5	ERN1 and CYCLOPS coordinately activate NIN signaling to promote infection thread formation in Lotus japonicus. Journal of Plant Research, 2019, 132, 641-653.	2.4	20
6	A NIN-LIKE PROTEIN mediates nitrate-induced control of root nodule symbiosis inÂLotus japonicus. Nature Communications, 2018, 9, 499.	13.2	151
7	The <i><scp>LORE</scp>1</i> insertion mutant resource. Plant Journal, 2016, 88, 306-317.	5.9	131
8	Function and evolution of aLotus japonicusAP2/ERF family transcription factor that is required for development of infection threads. DNA Research, 2016, 24, dsw052.	3.5	37
9	NODULE INCEPTION Antagonistically Regulates Gene Expression with Nitrate in Lotus japonicus. Plant and Cell Physiology, 2015, 56, 368-376.	3.2	65
10	Shoot-derived cytokinins systemically regulate root nodulation. Nature Communications, 2014, 5, 4983.	13.2	206
11	Transcriptional networks leading to symbiotic nodule organogenesis. Current Opinion in Plant Biology, 2014, 20, 146-154.	7.4	50
12	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.	7.6	183
13	NODULE INCEPTION Directly Targets NF-Y Subunit Genes to Regulate Essential Processes of Root Nodule Development in Lotus japonicus. PLoS Genetics, 2013, 9, e1003352.	3.4	297
14	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.	3.2	114
15	Establishment of a <i>Lotus japonicus</i> gene tagging population using the exonâ€targeting endogenous retrotransposon <i>LORE1</i>. Plant Journal, 2012, 69, 720-730.	5.9	110
16	Molecular insights into plant cell proliferation disturbance by <i>Agrobacterium</i> protein 6b. Genes and Development, 2011, 25, 64-76.	5.9	36
17	Function of GRAS Proteins in Root Nodule Symbiosis is Retained in Homologs of a Non-Legume, Rice. Plant and Cell Physiology, 2010, 51, 1436-1442.	3.2	38
18	The MAP Kinase MPK4 Is Required for Cytokinesis in<i>Arabidopsis thaliana</i>Â. Plant Cell, 2010, 22, 3778-3790.	6.7	187

#	Article	IF	Citations
19	HINKEL kinesin, ANP MAPKKKs and MKK6/ANQ MAPKK, which phosphorylates and activates MPK4 MAPK, constitute a pathway that is required for cytokinesis in Arabidopsis thaliana. Plant and Cell Physiology, 2010, 51, 1766-1776.	3.2	165
20	<i>ASYMMETRIC LEAVES2-LIKE19/LATERAL ORGAN BOUNDARIES DOMAIN30</i>and<i>ASL20/LBD18</i>Regulate Tracheary Element Differentiation in<i>Arabidopsis</i>. Plant Cell, 2009, 20, 3359-3373.	6.7	157
21	Phosphorylation of NtMAP65-1 by a MAP kinase down-regulates its activity of microtubule bundling and stimulates progression of cytokinesis of tobacco cells. Genes and Development, 2006, 20, 1004-1014.	5.9	164
22	A Mitogen-activated Protein Kinase NtMPK4 Activated by SIPKK is Required for Jasmonic Acid Signaling and Involved in Ozone Tolerance via Stomatal Movement in Tobacco. Plant and Cell Physiology, 2005, 46, 1902-1914.	3.2	138
23	Mitotic Cyclins Stimulate the Activity of c-Myb-like Factors for Transactivation of G2/M Phase-specific Genes in Tobacco. Journal of Biological Chemistry, 2004, 279, 32979-32988.	3.5	115
24	A MAP Kinase Cascade That Controls Plant Cytokinesis. Journal of Biochemistry, 2004, 136, 127-132.	1.8	53
25	The AtNACK1/HINKEL and STUD/TETRASPORE/AtNACK2 genes, which encode functionally redundant kinesins, are essential for cytokinesis in Arabidopsis. Genes To Cells, 2004, 9, 1199-1211.	1.3	122
26	NQK1/NtMEK1 is a MAPKK that acts in the NPK1 MAPKKK-mediated MAPK cascade and is required for plant cytokinesis. Genes and Development, 2003, 17, 1055-1067.	5.9	176
27	Control of plant cytokinesis by an NPK1â€“mediated mitogenâ€“activated protein kinase cascade. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 767-775.	4.2	11
28	Expansion of the Cell Plate in Plant Cytokinesis Requires a Kinesin-like Protein/MAPKKK Complex. Cell, 2002, 109, 87-99.	27.8	228
29	The NPK1 mitogen-activated protein kinase kinase kinase contains a functional nuclear localization signal at the binding site for the NACK1 kinesin-like protein. Plant Journal, 2002, 32, 789-798.	5.9	42
30	The NPK1 mitogen-activated protein kinase kinase kinase is a regulator of cell-plate formation in plant cytokinesis. Genes and Development, 2001, 15, 352-363.	5.9	193
31	MAPKKK-Related protein kinase NPK1: Regulation of the M phase of plant cell cycle. Journal of Plant Research, 1998, 111, 243-246.	2.4	40
32	Systemic Regulation of Root Nodule Formation. , 0, , .		16