

Krzysztof Szczyglowski

List of Publications by Year in descending order

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3,910
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304743

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times ranked

2686
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Lotus japonicus</i> Nuclear Factor YA1, a nodule emergence stage-specific regulator of auxin signalling. <i>New Phytologist</i> , 2021, 229, 1535-1552.	7.3	39
2	Baring the roots of nodulation. <i>Nature Plants</i> , 2021, 7, 244-245.	9.3	5
3	Intragenic complementation at the <i>Lotus japonicus</i> CELLULOSE SYNTHASE-LIKE D1 locus rescues root hair defects. <i>Plant Physiology</i> , 2021, 186, 2037-2050.	4.8	13
4	Inside out: root cortex-localized LHK1 cytokinin receptor limits epidermal infection of <i>Lotus japonicus</i> roots by <i>Mesorhizobium loti</i> . <i>New Phytologist</i> , 2019, 222, 1523-1537.	7.3	24
5	<i>Lotus japonicus</i> NF-YA1 Plays an Essential Role During Nodule Differentiation and Targets Members of the SHI/STY Gene Family. <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 950-964.	2.6	44
6	Into the Root: How Cytokinin Controls Rhizobial Infection. <i>Trends in Plant Science</i> , 2016, 21, 178-186.	8.8	74
7	<i>Lotus japonicus</i> SUNERGOS 1 encodes a predicted subunit A of a DNA topoisomerase VI that is required for nodule differentiation and accommodation of rhizobial infection. <i>Plant Journal</i> , 2014, 78, 811-821.	5.7	28
8	<i>Lotus japonicus</i> Cytokinin Receptors Work Partially Redundantly to Mediate Nodule Formation. <i>Plant Cell</i> , 2014, 26, 678-694.	6.6	107
9	Negative regulation of CCaMK is essential for symbiotic infection. <i>Plant Journal</i> , 2012, 72, 572-584.	5.7	43
10	<i>Lotus japonicus</i> ARPC1 Is Required for Rhizobial Infection. <i>Plant Physiology</i> , 2012, 160, 917-928.	4.8	78
11	<i>Lotus japonicus</i> symRK4 uncouples the cortical and epidermal symbiotic program. <i>Plant Journal</i> , 2011, 67, 929-940.	5.7	71
12	Common and not so common symbiotic entry. <i>Trends in Plant Science</i> , 2010, 15, 540-545.	8.8	51
13	Conservation of <i>Lotus</i> and <i>Arabidopsis</i> Basic Helix-Loop-Helix Proteins Reveals New Players in Root Hair Development. <i>Plant Physiology</i> , 2009, 151, 1175-1185.	4.8	113
14	Rearrangement of Actin Cytoskeleton Mediates Invasion of <i>Lotus japonicus</i> Roots by <i>Mesorhizobium loti</i> . <i>Plant Cell</i> , 2009, 21, 267-284.	6.6	149
15	Cytokinin: secret agent of symbiosis. <i>Trends in Plant Science</i> , 2008, 13, 115-120.	8.8	170
16	<i>Lotus</i> genome: pod of gold for legume research. <i>Trends in Plant Science</i> , 2008, 13, 515-517.	8.8	16
17	A Cytokinin Perception Mutant Colonized by Rhizobium in the Absence of Nodule Organogenesis. <i>Science</i> , 2007, 315, 101-104.	12.6	475
18	Genetic Suppressors of the <i>Lotus japonicus</i> har1-1 Hypernodulation Phenotype. <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 1082-1091.	2.6	45

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19	Genetic suppressors of <i>Lotus japonicus</i> har1-1 hypernodulation show altered interactions with <i>Glomus intraradices</i> . <i>Functional Plant Biology</i> , 2006, 33, 749.	2.1	7
20	Seven <i>Lotus japonicus</i> Genes Required for Transcriptional Reprogramming of the Root during Fungal and Bacterial Symbiosis. <i>Plant Cell</i> , 2005, 17, 2217-2229.	6.6	293
21	Invasion of <i>Lotus japonicus</i> root hairless 1 by <i>Mesorhizobium loti</i> Involves the Nodulation Factor-Dependent Induction of Root Hairs. <i>Plant Physiology</i> , 2005, 137, 1331-1344.	4.8	63
22	A receptor kinase gene of the LysM type is involved in legume perception of rhizobial signals. <i>Nature</i> , 2003, 425, 637-640.	27.8	896
23	Symbiosis, Inevitability by Recruitment?. <i>Plant Physiology</i> , 2003, 131, 935-940.	4.8	57
24	Shoot control of root development and nodulation is mediated by a receptor-like kinase. <i>Nature</i> , 2002, 420, 422-426.	27.8	529
25	Nodule-Specific Regulation of Phosphatidylinositol Transfer Protein Expression in <i>Lotus japonicus</i> . <i>Plant Cell</i> , 2001, 13, 1369-1382.	6.6	16
26	Short root mutant of <i>Lotus japonicus</i> with a dramatically altered symbiotic phenotype. <i>Plant Journal</i> , 2000, 23, 97-114.	5.7	268
27	The <i>Lotus japonicus</i> LjNOD70 nodulin gene encodes a protein with similarities to transporters. <i>Plant Molecular Biology</i> , 1998, 37, 651-661.	3.9	30
28	Nodule Organogenesis and Symbiotic Mutants of the Model Legume <i>Lotus japonicus</i> . <i>Molecular Plant-Microbe Interactions</i> , 1998, 11, 684-697.	2.6	202
29	Differential expression of the <i>Sesbania rostrata</i> leghemoglobin glb3 gene promoter in transgenic legume and non-legume plants. <i>Plant Molecular Biology</i> , 1996, 31, 931-935.	3.9	4