

Aleksander Gavrin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7266716/publications.pdf>

Version: 2024-02-01

16
papers

659
citations

687363

13
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	Soybean Yellow Stripe-like 7 is a symbiosome membrane peptide transporter important for nitrogen fixation. <i>Plant Physiology</i> , 2021, 186, 581-598.	4.8	14
2	MycoRed: Betalain pigments enable in vivo real-time visualisation of arbuscular mycorrhizal colonisation. <i>PLoS Biology</i> , 2021, 19, e3001326.	5.6	11
3	Deep learning-based quantification of arbuscular mycorrhizal fungi in plant roots. <i>New Phytologist</i> , 2021, 232, 2207-2219.	7.3	15
4	Developmental Modulation of Root Cell Wall Architecture Confers Resistance to an Oomycete Pathogen. <i>Current Biology</i> , 2020, 30, 4165-4176.e5.	3.9	17
5	GmVTL1a is an iron transporter on the symbiosome membrane of soybean with an important role in nitrogen fixation. <i>New Phytologist</i> , 2020, 228, 667-681.	7.3	36
6	A combination of chitoooligosaccharide and lipochitoooligosaccharide recognition promotes arbuscular mycorrhizal associations in <i>Medicago truncatula</i> . <i>Nature Communications</i> , 2019, 10, 5047.	12.8	129
7	<i>Medicago</i> TERPENE SYNTHASE 10 Is Involved in Defense Against an Oomycete Root Pathogen. <i>Plant Physiology</i> , 2019, 180, 1598-1613.	4.8	17
8	LYS12 LysM receptor decelerates <i>Phytophthora palmivora</i> disease progression in <i>Lotus japonicus</i> . <i>Plant Journal</i> , 2018, 93, 297-310.	5.7	26
9	The <i>Medicago truncatula</i> GRAS protein RAD1 supports arbuscular mycorrhiza symbiosis and <i>Phytophthora palmivora</i> susceptibility. <i>Journal of Experimental Botany</i> , 2017, 68, 5871-5881.	4.8	42
10	Interface Symbiotic Membrane Formation in Root Nodules of <i>Medicago truncatula</i> : the Role of Synaptotagmins MtSyt1, MtSyt2 and MtSyt3. <i>Frontiers in Plant Science</i> , 2017, 8, 201.	3.6	39
11	VAMP721a and VAMP721d are important for pectin dynamics and release of bacteria in soybean nodules. <i>New Phytologist</i> , 2016, 210, 1011-1021.	7.3	38
12	ARP2/3-Mediated Actin Nucleation Associated With Symbiosome Membrane Is Essential for the Development of Symbiosomes in Infected Cells of <i>Medicago truncatula</i> Root Nodules. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 605-614.	2.6	68
13	Proteomic Analysis of the Soybean Symbiosome Identifies New Symbiotic Proteins*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1301-1322.	3.8	77
14	Quantification of the Volume and Surface Area of Symbiosomes and Vacuoles of Infected Cells in Root Nodules of <i>Medicago truncatula</i> . <i>Bio-protocol</i> , 2015, 5, .	0.4	0
15	Adjustment of Host Cells for Accommodation of Symbiotic Bacteria: Vacuole Defunctionalization, HOPS Suppression, and TIP1g Retargeting in <i>Medicago</i> . <i>Plant Cell</i> , 2014, 26, 3809-3822.	6.6	73
16	Immobilization of hydrocarbon-oxidizing bacteria in poly(vinyl alcohol) cryogels hydrophobized using a biosurfactant. <i>Journal of Microbiological Methods</i> , 2006, 65, 596-603.	1.6	53