Sergey Ivanov

List of Publications by Year
in descending order

18	2,152	516710 16	839539 18
papers	citations	h-index	g-index

18	18	18	2319
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp><i>KIN3</i></scp> impacts arbuscular mycorrhizal symbiosis and promotes fungal colonisation in <i>Medicago truncatula</i>. Plant Journal, 2022, 110, 513-528.	5.7	9
2	A genetically encoded biosensor reveals spatiotemporal variation in cellular phosphate content in <i>Brachypodium distachyon</i> mycorrhizal roots. New Phytologist, 2022, 234, 1817-1831.	7.3	4
3	Extensive membrane systems at the hostâ€“arbuscular mycorrhizal fungus interface. Nature Plants, 2019, 5, 194-203.	9.3	85
4	Accumulation of phosphoinositides in distinct regions of the periarbuscular membrane. New Phytologist, 2019, 221, 2213-2227.	7.3	24
5	Genome and evolution of the arbuscular mycorrhizal fungus <i>Diversispora epigaea</i> (formerly) Tj ETQq1 1 0.784314 rgBT /Overlock	7.3	88
6	Exocytosis for endosymbiosis: membrane trafficking pathways for development of symbiotic membrane compartments. Current Opinion in Plant Biology, 2017, 38, 101-108.	7.1	54
7	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. Molecular Plant-Microbe Interactions, 2015, 28, 605-614.	2.6	68
8	Remodeling of the Infection Chamber before Infection Thread Formation Reveals a Two-Step Mechanism for Rhizobial Entry into the Host Legume Root Hair. Plant Physiology, 2015, 167, 1233-1242.	4.8	127
9	EXO70I Is Required for Development of a Sub-domain of the Periarbuscular Membrane during Arbuscular Mycorrhizal Symbiosis. Current Biology, 2015, 25, 2189-2195.	3.9	120
10	Single Nucleus Genome Sequencing Reveals High Similarity among Nuclei of an Endomycorrhizal Fungus. PLoS Genetics, 2014, 10, e1004078.	3.5	238
11	A set of fluorescent proteinâ€based markers expressed from constitutive and arbuscular mycorrhizaâ€inducible promoters to label organelles, membranes and cytoskeletal elements in <i>Medicago truncatula</i>. Plant Journal, 2014, 80, 1151-1163.	5.7	121
12	Multiple Exocytotic Markers Accumulate at the Sites of Perifungal Membrane Biogenesis in Arbuscular Mycorrhizas. Plant and Cell Physiology, 2012, 53, 244-255.	3.1	107
13	<i>Rhizobium</i> â€“legume symbiosis shares an exocytotic pathway required for arbuscule formation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8316-8321.	7.1	213
14	Durable broadâ€spectrum powdery mildew resistance in pea <i>er1</i> plants is conferred by natural lossâ€ofâ€function mutations in <i>PsMLO1</i>. Molecular Plant Pathology, 2011, 12, 866-878.	4.2	165
15	Strigolactone Biosynthesis in <i>Medicago</i> Â<i>truncatula</i> and Rice Requires the Symbiotic GRAS-Type Transcription Factors NSP1 and NSP2 Â. Plant Cell, 2011, 23, 3853-3865.	6.6	291
16	Intracellular plant microbe associations: secretory pathways and the formation of perimicrobial compartments. Current Opinion in Plant Biology, 2010, 13, 372-377.	7.1	45
17	A Nodule-Specific Protein Secretory Pathway Required for Nitrogen-Fixing Symbiosis. Science, 2010, 327, 1126-1129.	12.6	251
18	<i>Medicago</i>N2-Fixing Symbiosomes Acquire the Endocytic Identity Marker Rab7 but Delay the Acquisition of Vacuolar Identity. Plant Cell, 2009, 21, 2811-2828.	6.6	142