

# Elena A Dolgikh

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

312  
citations

6  
h-index

17  
g-index

19  
ext. papers

419  
ext. citations

3.3  
avg, IF

2.83  
L-index

#	Paper	IF	Citations
17	Transcriptomic analysis of sym28 and sym29 supernodulating mutants of pea ( <i>Pisum sativum</i> L.) under complex inoculation with beneficial microorganisms. <i>Biological Communications</i> , <b>2021</b> , 66,	1.9	1
16	Searching for regulators that interact with BELL1 transcription factor and control the legume-rhizobial symbiosis development. <i>Ecological Genetics</i> , <b>2021</b> , 19, 37-45	0.5	
15	LysM Receptor-Like Kinase LYK9 of <i>L.</i> May Regulate Plant Responses to Chitooligosaccharides Differing in Structure. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
14	Phylogenetic and structural analysis of annexins in pea ( <i>Pisum sativum</i> L.) and their role in legume-rhizobial symbiosis development. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , <b>2021</b> , 25, 502-513	0.9	0
13	The Role of Heterotrimeric G-Protein Beta Subunits During Nodulation in Gaertn and <i>L.</i> . <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 808573	6.2	0
12	Mutational analysis indicates that abnormalities in rhizobial infection and subsequent plant cell and bacteroid differentiation in pea ( <i>Pisum sativum</i> ) nodules coincide with abnormal cytokinin responses and localization. <i>Annals of Botany</i> , <b>2020</b> , 125, 905-923	4.1	7
11	Annexins and their role in the control of symbioses development in plants. <i>Ecological Genetics</i> , <b>2020</b> , 18, 293-300	0.5	
10	Studying the effect of tissue-specific expression of the K1 gene encoding LysM-receptor-like kinase on the development of symbiosis in peas. <i>BIO Web of Conferences</i> , <b>2020</b> , 23, 03005	0.4	
9	Identification of BELL Transcription Factors Involved in Nodule Initiation and Development in the Legumes and. <i>Plants</i> , <b>2020</b> , 9,	4.5	6
8	Structural Variations in LysM Domains of LysM-RLK K1 May Result in a Different Effect on Pea?Rhizobial Symbiosis Development. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	5
7	The DELLA Proteins Influence the Expression of Cytokinin Biosynthesis and Response Genes During Nodulation. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 432	6.2	9
6	-mediated transformation of <i>L.</i> roots as a tool for studying the mycorrhizal and root nodule symbioses. <i>PeerJ</i> , <b>2019</b> , 7, e6552	3.1	7
5	The role of universal regulators of plant growth and development the DELLA proteins in the control of symbiosis. <i>Ecological Genetics</i> , <b>2019</b> , 17, 33-41	0.5	
4	Role of the plant heterotrimeric G-proteins in the signal pathways regulation. <i>Ecological Genetics</i> , <b>2019</b> , 17, 43-54	0.5	
3	Role of a receptor-like kinase K1 in pea <i>Rhizobium</i> symbiosis development. <i>Planta</i> , <b>2018</b> , 248, 1101-1120	4.7	15
2	Receptor-Like Kinase LYK9 in <i>Pisum sativum</i> L. Is the CERK1-Like Receptor that Controls Both Plant Immunity and AM Symbiosis Development. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 19,	6.3	27
1	Medicago LYK3, an entry receptor in rhizobial nodulation factor signaling. <i>Plant Physiology</i> , <b>2007</b> , 145, 183-91	6.6	232

