

# Alexandra HusiÄkovÄ;

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

689  
citations

759233

12  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated phenotyping of plant shoots using imaging methods for analysis of plant stress responses – a review. <i>Plant Methods</i> , 2015, 11, 29.	4.3	214
2	Role of Cytokinins in Senescence, Antioxidant Defence and Photosynthesis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4045.	4.1	131
3	Automated integrative high-throughput phenotyping of plant shoots: a case study of the cold-tolerance of pea ( <i>Pisum sativum</i> L.). <i>Plant Methods</i> , 2015, 11, 20.	4.3	85
4	Whole transcriptome analysis of transgenic barley with altered cytokinin homeostasis and increased tolerance to drought stress. <i>New Biotechnology</i> , 2016, 33, 676-691.	4.4	51
5	Photosynthetic responses of lettuce to downy mildew infection and cytokinin treatment. <i>Plant Physiology and Biochemistry</i> , 2010, 48, 716-723.	5.8	42
6	Protective cytokinin action switches to damaging during senescence of detached wheat leaves in continuous light. <i>Physiologia Plantarum</i> , 2006, 126, 257-267.	5.2	31
7	Cold acclimation of the <i>Arabidopsis</i> <i>dgd1</i> mutant results in recovery from photosystem II-limited photosynthesis. <i>FEBS Letters</i> , 2006, 580, 4959-4968.	2.8	26
8	The interplay between cytokinins and light during senescence in detached <i>Arabidopsis</i> leaves. <i>Plant, Cell and Environment</i> , 2018, 41, 1870-1885.	5.7	23
9	Proteomic and Biochemical Analyses Show a Functional Network of Proteins Involved in Antioxidant Defense of the <i>Arabidopsis</i> <i>anp2anp3</i> Double Mutant. <i>Journal of Proteome Research</i> , 2014, 13, 5347-5361.	3.7	20
10	C2-substituted aromatic cytokinin sugar conjugates delay the onset of senescence by maintaining the activity of the photosynthetic apparatus. <i>Phytochemistry</i> , 2016, 122, 22-33.	2.9	20
11	Exogenous application of cytokinin during dark senescence eliminates the acceleration of photosystem II impairment caused by chlorophyll b deficiency in barley. <i>Plant Physiology and Biochemistry</i> , 2019, 136, 43-51.	5.8	20
12	New fluorescently labeled auxins exhibit promising anti-auxin activity. <i>New Biotechnology</i> , 2019, 48, 44-52.	4.4	16
13	Design, synthesis and perception of fluorescently labeled isoprenoid cytokinins. <i>Phytochemistry</i> , 2018, 150, 1-11.	2.9	7
14	Analysis of Cold-Developed vs. Cold-Acclimated Leaves Reveals Various Strategies of Cold Acclimation of Field Pea Cultivars. <i>Remote Sensing</i> , 2019, 11, 2964.	4.0	3