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List of Publications by Year
in descending order

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