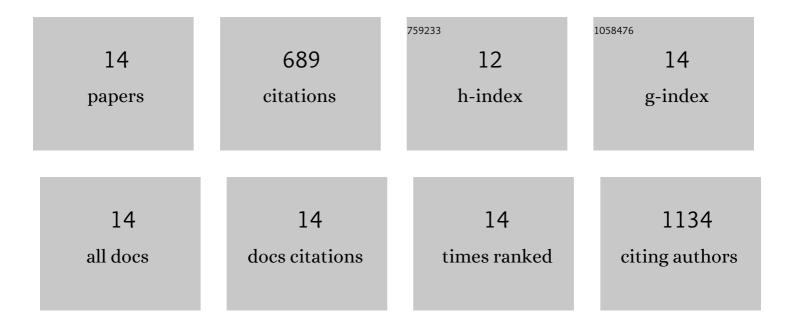
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List of Publications by Year in descending order

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| # | 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 <i>Arabidopsis</i> 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 – 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 <i>Arabidopsis anp2anp3</i> 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 |