

Anna Flis

List of Publications by Year in descending order

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13
papers

1,204
citations

759055

12
h-index

1125617

13
g-index

14
all docs

14
docs citations

14
times ranked

1946
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Arabidopsis</i> Framework Model version 2 predicts the organism-level effects of circadian clock gene mis-regulation. <i>In Silico Plants</i> , 2022, 4, .	0.8	2
2	Multiple circadian clock outputs regulate diel turnover of carbon and nitrogen reserves. <i>Plant, Cell and Environment</i> , 2019, 42, 549-573.	2.8	49
3	Parallel analysis of <i>Arabidopsis</i> circadian clock mutants reveals different scales of transcriptome and proteome regulation. <i>Open Biology</i> , 2017, 7, 160333.	1.5	52
4	Cellulose Synthesis and Cell Expansion Are Regulated by Different Mechanisms in Growing <i>Arabidopsis</i> Hypocotyls. <i>Plant Cell</i> , 2017, 29, 1305-1315.	3.1	67
5	Circadian, Carbon, and Light Control of Expansion Growth and Leaf Movement. <i>Plant Physiology</i> , 2017, 174, 1949-1968.	2.3	39
6	Leaf Starch Turnover Occurs in Long Days and in Falling Light at the End of the Day. <i>Plant Physiology</i> , 2017, 174, 2199-2212.	2.3	80
7	Photoperiod-dependent changes in the phase of core clock transcripts and global transcriptional outputs at dawn and dusk in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 1955-1981.	2.8	60
8	Defining the robust behaviour of the plant clock gene circuit with absolute RNA timeseries and open infrastructure. <i>Open Biology</i> , 2015, 5, 150042.	1.5	42
9	Multiscale digital <i>Arabidopsis</i> predicts individual organ and whole-organism growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4127-36.	3.3	88
10	Regulatory Properties of ADP Glucose Pyrophosphorylase Are Required for Adjustment of Leaf Starch Synthesis in Different Photoperiods. <i>Plant Physiology</i> , 2014, 166, 1733-1747.	2.3	78
11	Adjustment of carbon fluxes to light conditions regulates the daily turnover of starch in plants: a computational model. <i>Molecular BioSystems</i> , 2014, 10, 613-627.	2.9	55
12	<i>Arabidopsis</i> Coordinates the Diurnal Regulation of Carbon Allocation and Growth across a Wide Range of Photoperiods. <i>Molecular Plant</i> , 2014, 7, 137-155.	3.9	244
13	Genome-wide association mapping of leaf metabolic profiles for dissecting complex traits in maize. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8872-8877.	3.3	340