D Magnus Eklund

List of Publications by Year
in descending order

21	2,511	567281 15	713466 21
papers	citations	h-index	g-index

23	23	23	3105
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insights into Land Plant Evolution Garnered from the Marchantia polymorpha Genome. Cell, 2017, 171, 287-304.e15.	28.9	973
2	Photoperiodic control of seasonal growth is mediated by ABA acting on cell-cell communication. Science, 2018, 360, 212-215.	12.6	272
3	A Simple Auxin Transcriptional Response System Regulates Multiple Morphogenetic Processes in the Liverwort Marchantia polymorpha. PLoS Genetics, 2015, 11, e1005207.	3.5	200
4	TheArabidopsis thalianaSTYLISH1 Protein Acts as a Transcriptional Activator Regulating Auxin Biosynthesis Â. Plant Cell, 2010, 22, 349-363.	6.6	158
5	An ancestral signalling pathway is conserved in intracellular symbioses-forming plant lineages. Nature Plants, 2020, 6, 280-289.	9.3	150
6	Auxin Produced by the Indole-3-Pyruvic Acid Pathway Regulates Development and Gemmae Dormancy in the Liverwort Marchantia polymorpha. Plant Cell, 2015, 27, 1650-1669.	6.6	138
7	Early evolution of the land plant circadian clock. New Phytologist, 2017, 216, 576-590.	7.3	100
8	Homologues of the Arabidopsis thaliana SHI/STY/LRP1 genes control auxin biosynthesis and affect growth and development in the moss Physcomitrella patens. Development (Cambridge), 2010, 137, 1275-1284.	2.5	97
9	Class C <scp>ARF</scp>s evolved before the origin of land plants and antagonize differentiation and developmental transitions in Marchantia polymorpha. New Phytologist, 2018, 218, 1612-1630.	7.3	81
10	An Evolutionarily Conserved Abscisic Acid Signaling Pathway Regulates Dormancy in the Liverwort Marchantia polymorpha. Current Biology, 2018, 28, 3691-3699.e3.	3.9	68
11	Physcomitrella patens: a model to investigate the role of RAC/ROP GTPase signalling in tip growth. Journal of Experimental Botany, 2010, 61, 1917-1937.	4.8	57
12	RISAP Is a TGN-Associated RAC5 Effector Regulating Membrane Traffic during Polar Cell Growth in Tobacco Â. Plant Cell, 2014, 26, 4426-4447.	6.6	54
13	Localization of Nonspecific Lipid Transfer Proteins Correlate with Programmed Cell Death Responses during Endosperm Degradation in Euphorbia lagascae Seedlings. Plant Physiology, 2003, 132, 1249-1259.	4.8	48
14	Expression of ArabidopsisSHORT INTERNODES/STYLISHFamily Genes in Auxin Biosynthesis Zones of Aerial Organs Is Dependent on a GCC Box-Like Regulatory Element Â Â. Plant Physiology, 2011, 157, 2069-2080.	4.8	44
15	Deciphering the Evolution and Development of the Cuticle by Studying Lipid Transfer Proteins in Mosses and Liverworts. Plants, 2018, 7, 6.	3.5	22
16	Rates and patterns of molecular evolution in bryophyte genomes, with focus on complex thalloid liverworts, Marchantiopsida. Molecular Phylogenetics and Evolution, 2021, 165, 107295.	2.7	12
17	Nyctinastic thallus movement in the liverwort Marchantia polymorpha is regulated by a circadian clock. Scientific Reports, 2020, 10, 8658.	3.3	11
18	The Ability of a Charophyte Alga Hexokinase to Restore Glucose Signaling and Glucose Repression of Gene Expression in a Glucose-Insensitive Arabidopsis Hexokinase Mutant Depends on Its Catalytic Activity. Frontiers in Plant Science, 2018, 9, 1887.	3.6	10

#	Article	IF	Citations
19	H2A ubiquitination is essential for Polycomb Repressive Complex 1-mediated gene regulation in Marchantia polymorpha. Genome Biology, 2021, 22, 253.	8.8	8
20	DEâ€ETIOLATED1 has a role in the circadian clock of the liverwort Marchantia polymorpha. New Phytologist, 2021, 232, 595-609.	7.3	6
21	PIF-independent regulation of growth by an evening complex in the liverwort Marchantia polymorpha. PLoS ONE, 2022, 17, e0269984.	2.5	1