Kathleen Greenham

List of Publications by Year
in descending order

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22 papers	1,711 citations	516710 16 h-index	677142 22 g-index
32 all docs	32 docs citations	32 times ranked	2674 citing authors

#	Article	IF	Citations
1	Prediction of conserved and variable heat and cold stress response in maize using cis-regulatory information. Plant Cell, 2022, 34, 514-534.	6.6	30
2	Detecting spatially co-expressed gene clusters with functional coherence by graph-regularized convolutional neural network. Bioinformatics, 2022, 38, 1344-1352.	4.1	1
3	Rhythmic Leaf and Cotyledon Movement Analysis. Methods in Molecular Biology, 2022, 2494, 125-134.	0.9	0
4	Abiotic stress through time. New Phytologist, 2021, 231, 40-46.	7.3	34
5	The biology of time: dynamic responses of cell types to developmental, circadian, and environmental cues. Plant Journal, 2021, , .	5.7	8
6	Populations Are Differentiated in Biological Rhythms without Explicit Elevational Clines in the PlantMimulus laciniatus. Journal of Biological Rhythms, 2020, 35, 452-464.	2.6	5
7	Genetic and genomic resources to study natural variation in Brassica rapa. Plant Direct, 2020, 4, e00285.	1.9	8
8	Genetic analysis of the Arabidopsis TIR1/AFB auxin receptors reveals both overlapping and specialized functions. ELife, 2020, 9, .	6.0	115
9	Expansion of the circadian transcriptome in Brassica rapa and genome-wide diversification of paralog expression patterns. ELife, 2020, 9, .	6.0	26
10	Time to build on good design: Resolving the temporal dynamics of gene regulatory networks. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6325-6327.	7.1	10
11	Geographic Variation of Plant Circadian Clock Function in Natural and Agricultural Settings. Journal of Biological Rhythms, 2017, 32, 26-34.	2.6	59
12	Temporal network analysis identifies early physiological and transcriptomic indicators of mild drought in Brassica rapa. ELife, 2017, 6, .	6.0	95
13	Variation in circadian rhythms is maintained among and within populations in Boechera stricta. Plant, Cell and Environment, 2016, 39, 1293-1303.	5.7	29
14	The Arabidopsis Auxin Receptor F-Box Proteins AFB4 and AFB5 Are Required for Response to the Synthetic Auxin Picloram. G3: Genes, Genomes, Genetics, 2016, 6, 1383-1390.	1.8	89
15	TRiP: Tracking Rhythms in Plants, an automated leaf movement analysis program for circadian period estimation. Plant Methods, 2015, 11, 33.	4.3	32
16	Transcriptional networks â€" crops, clocks, and abiotic stress. Current Opinion in Plant Biology, 2015, 24, 39-46.	7.1	70
17	Integrating circadian dynamics with physiological processes in plants. Nature Reviews Genetics, 2015, 16, 598-610.	16.3	402
18	Regulation of Auxin Homeostasis and Gradients in Arabidopsis Roots through the Formation of the Indole-3-Acetic Acid Catabolite 2-Oxindole-3-Acetic Acid. Plant Cell, 2013, 25, 3858-3870.	6.6	131

#	Article	IF	Citations
19	Hypocotyl Transcriptome Reveals Auxin Regulation of Growth-Promoting Genes through GA-Dependent and -Independent Pathways. PLoS ONE, 2012, 7, e36210.	2.5	127
20	Factors effecting expression of vaccines in microalgae. Biologicals, 2009, 37, 133-138.	1.4	169
21	TheTRANSPORT INHIBITOR RESPONSE2Gene Is Required for Auxin Synthesis and Diverse Aspects of Plant Development. Plant Physiology, 2009, 151, 168-179.	4.8	185
22	Bacterialâ€•and plantâ€type phosphoenolpyruvate carboxylase polypeptides interact in the heteroâ€oligomeric Classâ€2 PEPC complex of developing castor oil seeds. Plant Journal, 2007, 52, 839-849.	5.7	68