Olivia Wilkins

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2280745/publications.pdf

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27 papers	2,812 citations	331670 21 h-index	552781 26 g-index
30 all docs	30 docs citations	30 times ranked	4814 citing authors

#	Article	IF	Citations
1	Single cell gene regulatory networks in plants: Opportunities for enhancing climate change stress resilience. Plant, Cell and Environment, 2021, 44, 2006-2017.	5.7	21
2	Editorial: Cannabis Genomics, Breeding and Production. Frontiers in Plant Science, 2020, 11, 591445.	3.6	8
3	Thaumatin-Like Protein (TLP) Gene Family in Barley: Genome-Wide Exploration and Expression Analysis during Germination. Genes, 2020, 11, 1080.	2.4	21
4	Genomic history and ecology of the geographic spread of rice. Nature Plants, 2020, 6, 492-502.	9.3	143
5	Closing the Yield Gap for Cannabis: A Meta-Analysis of Factors Determining Cannabis Yield. Frontiers in Plant Science, 2019, 10, 495.	3.6	67
6	Neural Net Classification Combined With Movement Analysis to Evaluate Setaria viridis as a Model System for Time of Day of Anther Appearance. Frontiers in Plant Science, 2018, 9, 1585.	3.6	4
7	From yogurt to yield: Potential applications of lactic acid bacteria in plant production. Soil Biology and Biochemistry, 2017, 111, 1-9.	8.8	131
8	The Next Generation of Training for Arabidopsis Researchers: Bioinformatics and Quantitative Biology. Plant Physiology, 2017, 175, 1499-1509.	4.8	11
9	Metaâ€analysis and metaâ€regression of transcriptomic responses to water stress in Arabidopsis. Plant Journal, 2016, 85, 548-560.	5.7	64
10	EGRINs (Environmental Gene Regulatory Influence Networks) in Rice That Function in the Response to Water Deficit, High Temperature, and Agricultural Environments. Plant Cell, 2016, 28, 2365-2384.	6.6	139
11	Multiple abiotic stimuli are integrated in the regulation of rice gene expression under field conditions. ELife, 2015, 4, .	6.0	43
12	Possible Loss of the Chloroplast Genome in the Parasitic Flowering Plant Rafflesia lagascae (Rafflesiaceae). Molecular Biology and Evolution, 2014, 31, 793-803.	8.9	183
13	Interplay between Sucrose and Folate Modulates Auxin Signaling in Arabidopsis. Plant Physiology, 2013, 162, 1552-1565.	4.8	71
14	AtMYB61, an R2R3â€MYB transcription factor, functions as a pleiotropic regulator via a small gene network. New Phytologist, 2012, 195, 774-786.	7.3	132
15	Clone history shapes Populus drought responses. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12521-12526.	7.1	170
16	The relationship between intra-specific variation in the Populus transcriptome, stomatal development, and the metabolome in response to drought. BMC Proceedings, 2011, 5, .	1.6	0
17	PlaNet: Combined Sequence and Expression Comparisons across Plant Networks Derived from Seven Species Â. Plant Cell, 2011, 23, 895-910.	6.6	297
18	Genome-wide analysis of plant metal transporters, with an emphasis on poplar. Cellular and Molecular Life Sciences, 2010, 67, 3763-3784.	5.4	111

#	Article	IF	Citations
19	Intraspecific variation in the Populus balsamifera drought transcriptome. Plant, Cell and Environment, 2010, 33, 1742-1755.	5.7	52
20	Time of day shapes Arabidopsis drought transcriptomes. Plant Journal, 2010, 63, 715-727.	5.7	113
21	Endogenous overexpression of Populus MYB186 increases trichome density, improves insect pest resistance, and impacts plant growth. Plant Journal, 2010, 64, 419-432.	5.7	53
22	Expansion and Diversification of thePopulusR2R3-MYB Family of Transcription Factors Â Â. Plant Physiology, 2009, 149, 981-993.	4.8	450
23	Genotype and time of day shape the Populus drought response. Plant Journal, 2009, 60, 703-715.	5.7	123
24	Distinct Transcriptional Profiles in Ex Vivo CD4 + and CD8 + T Cells Are Established Early in Human Immunodeficiency Virus Type 1 Infection and Are Characterized by a Chronic Interferon Response as Well as Extensive Transcriptional Changes in CD8 + T Cells. Journal of Virology, 2007, 81, 3477-3486.	3.4	176
25	Genomic DNA functions as a universal external standard in quantitative real-time PCR. Nucleic Acids Research, 2006, 34, e85-e85.	14.5	137
26	Transcriptional regulation of the one-carbon metabolism regulon in Saccharomyces cerevisiae by Bas1p. Molecular Microbiology, 2005, 57, 53-69.	2.5	27
27	Cell-type-specific regulation of distinct sets of gene targets by Pax3 and Pax3/FKHR. Oncogene, 2005, 24, 1860-1872.	5.9	59