

Olivia Wilkins

List of Publications by Year in descending order

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Version: 2024-02-01

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	Expansion and Diversification of the <i>Populus</i> R2R3-MYB Family of Transcription Factors. <i>Plant Physiology</i> , 2009, 149, 981-993.	4.8	450
2	PlaNet: Combined Sequence and Expression Comparisons across Plant Networks Derived from Seven Species. <i>Plant Cell</i> , 2011, 23, 895-910.	6.6	297
3	Possible Loss of the Chloroplast Genome in the Parasitic Flowering Plant <i>Rafflesia lagascae</i> (Rafflesiaceae). <i>Molecular Biology and Evolution</i> , 2014, 31, 793-803.	8.9	183
4	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. <i>Journal of Virology</i> , 2007, 81, 3477-3486.	3.4	176
5	Clone history shapes <i>Populus</i> drought responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12521-12526.	7.1	170
6	Genomic history and ecology of the geographic spread of rice. <i>Nature Plants</i> , 2020, 6, 492-502.	9.3	143
7	EGRINs (Environmental Gene Regulatory Influence Networks) in Rice That Function in the Response to Water Deficit, High Temperature, and Agricultural Environments. <i>Plant Cell</i> , 2016, 28, 2365-2384.	6.6	139
8	Genomic DNA functions as a universal external standard in quantitative real-time PCR. <i>Nucleic Acids Research</i> , 2006, 34, e85-e85.	14.5	137
9	<i>AtMYB61</i> , an R2R3-MYB transcription factor, functions as a pleiotropic regulator via a small gene network. <i>New Phytologist</i> , 2012, 195, 774-786.	7.3	132
10	From yogurt to yield: Potential applications of lactic acid bacteria in plant production. <i>Soil Biology and Biochemistry</i> , 2017, 111, 1-9.	8.8	131
11	Genotype and time of day shape the <i>Populus</i> drought response. <i>Plant Journal</i> , 2009, 60, 703-715.	5.7	123
12	Time of day shapes <i>Arabidopsis</i> drought transcriptomes. <i>Plant Journal</i> , 2010, 63, 715-727.	5.7	113
13	Genome-wide analysis of plant metal transporters, with an emphasis on poplar. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3763-3784.	5.4	111
14	Interplay between Sucrose and Folate Modulates Auxin Signaling in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2013, 162, 1552-1565.	4.8	71
15	Closing the Yield Gap for Cannabis: A Meta-Analysis of Factors Determining Cannabis Yield. <i>Frontiers in Plant Science</i> , 2019, 10, 495.	3.6	67
16	Meta-analysis and meta-regression of transcriptomic responses to water stress in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2016, 85, 548-560.	5.7	64
17	Cell-type-specific regulation of distinct sets of gene targets by Pax3 and Pax3/FKHR. <i>Oncogene</i> , 2005, 24, 1860-1872.	5.9	59
18	Endogenous overexpression of <i>Populus</i> MYB186 increases trichome density, improves insect pest resistance, and impacts plant growth. <i>Plant Journal</i> , 2010, 64, 419-432.	5.7	53

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19	Intraspecific variation in the <i>Populus balsamifera</i> drought transcriptome. <i>Plant, Cell and Environment</i> , 2010, 33, 1742-1755.	5.7	52
20	Multiple abiotic stimuli are integrated in the regulation of rice gene expression under field conditions. <i>ELife</i> , 2015, 4, .	6.0	43
21	Transcriptional regulation of the one-carbon metabolism regulon in <i>Saccharomyces cerevisiae</i> by Bas1p. <i>Molecular Microbiology</i> , 2005, 57, 53-69.	2.5	27
22	Thaumatococin-Like Protein (TLP) Gene Family in Barley: Genome-Wide Exploration and Expression Analysis during Germination. <i>Genes</i> , 2020, 11, 1080.	2.4	21
23	Single cell gene regulatory networks in plants: Opportunities for enhancing climate change stress resilience. <i>Plant, Cell and Environment</i> , 2021, 44, 2006-2017.	5.7	21
24	The Next Generation of Training for Arabidopsis Researchers: Bioinformatics and Quantitative Biology. <i>Plant Physiology</i> , 2017, 175, 1499-1509.	4.8	11
25	Editorial: Cannabis Genomics, Breeding and Production. <i>Frontiers in Plant Science</i> , 2020, 11, 591445.	3.6	8
26	Neural Net Classification Combined With Movement Analysis to Evaluate <i>Setaria viridis</i> as a Model System for Time of Day of Anther Appearance. <i>Frontiers in Plant Science</i> , 2018, 9, 1585.	3.6	4
27	The relationship between intra-specific variation in the <i>Populus</i> transcriptome, stomatal development, and the metabolome in response to drought. <i>BMC Proceedings</i> , 2011, 5, .	1.6	0