

Michael F Covington

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

4,489
citations

331259

21
h-index

676716

22
g-index

27
all docs

27
docs citations

27
times ranked

5032
citing authors

#	ARTICLE	IF	CITATIONS
1	Global transcriptome analysis reveals circadian regulation of key pathways in plant growth and development. <i>Genome Biology</i> , 2008, 9, R130.	13.9	677
2	Rhythmic growth explained by coincidence between internal and external cues. <i>Nature</i> , 2007, 448, 358-361.	13.7	599
3	Comparative transcriptomics reveals patterns of selection in domesticated and wild tomato. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2655-62.	3.3	325
4	The Circadian Clock Regulates Auxin Signaling and Responses in Arabidopsis. <i>PLoS Biology</i> , 2007, 5, e222.	2.6	302
5	ELF3 Encodes a Circadian Clock-Regulated Nuclear Protein That Functions in an Arabidopsis PHYB Signal Transduction Pathway. <i>Plant Cell</i> , 2001, 13, 1293-1304.	3.1	288
6	ELF3 Modulates Resetting of the Circadian Clock in Arabidopsis. <i>Plant Cell</i> , 2001, 13, 1305-1316.	3.1	280
7	<i>Arabidopsis</i> synchronizes jasmonate-mediated defense with insect circadian behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4674-4677.	3.3	276
8	ELF3 Modulates Resetting of the Circadian Clock in Arabidopsis. <i>Plant Cell</i> , 2001, 13, 1305-1316.	3.1	265
9	A Modern Ampelography: A Genetic Basis for Leaf Shape and Venation Patterning in Grape. <i>Plant Physiology</i> , 2014, 164, 259-272.	2.3	233
10	<i>ELF3</i> Encodes a Circadian Clock-Regulated Nuclear Protein That Functions in an Arabidopsis <i>PHYB</i> Signal Transduction Pathway. <i>Plant Cell</i> , 2001, 13, 1293-1304.	3.1	214
11	A Quantitative Genetic Basis for Leaf Morphology in a Set of Precisely Defined Tomato Introgression Lines. <i>Plant Cell</i> , 2013, 25, 2465-2481.	3.1	209
12	Mechanical Stress Induces Biotic and Abiotic Stress Responses via a Novel cis-Element. <i>PLoS Genetics</i> , 2007, 3, e172.	1.5	205
13	Jumonji domain protein JMJD5 functions in both the plant and human circadian systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21623-21628.	3.3	158
14	BrAD-seq: Breath Adapter Directional sequencing: a streamlined, ultra-simple and fast library preparation protocol for strand specific mRNA library construction. <i>Frontiers in Plant Science</i> , 2015, 6, 366.	1.7	116
15	The Development of Protein Microarrays and Their Applications in DNA-Protein and Protein-Protein Interaction Analyses of Arabidopsis Transcription Factors. <i>Molecular Plant</i> , 2008, 1, 27-41.	3.9	78
16	<i>YUCCA</i> auxin biosynthetic genes are required for Arabidopsis shade avoidance. <i>PeerJ</i> , 2016, 4, e2574.	0.9	68
17	Circadian control of jasmonates and salicylates. <i>Plant Signaling and Behavior</i> , 2013, 8, e23123.	1.2	42
18	Modeling development and quantitative trait mapping reveal independent genetic modules for leaf size and shape. <i>New Phytologist</i> , 2015, 208, 257-268.	3.5	41

#	ARTICLE	IF	CITATIONS
19	A New Advanced Backcross Tomato Population Enables High Resolution Leaf QTL Mapping and Gene Identification. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3169-3184.	0.8	36
20	Polymorphism Identification and Improved Genome Annotation of <i>Brassica rapa</i> Through Deep RNA Sequencing. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2065-2078.	0.8	29
21	Genetic architecture, biochemical underpinnings and ecological impact of floral UV patterning. <i>Molecular Ecology</i> , 2016, 25, 1122-1140.	2.0	24
22	Using RNA-Seq for Genomic Scaffold Placement, Correcting Assemblies, and Genetic Map Creation in a Common <i>Brassica rapa</i> Mapping Population. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2259-2270.	0.8	15
23	Circadian Regulation of Global Gene Expression and Metabolism. , 0, , 132-165.		0