# Michael F Covington

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 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 | Using RNA-Seq for Genomic Scaffold Placement, Correcting Assemblies, and Genetic Map Creation in a CommonBrassica rapaMapping Population. G3: Genes, Genomes, Genetics, 2017, 7, 2259-2270. | 0.8 | 15 |
| 2 | A New Advanced Backcross Tomato Population Enables High Resolution Leaf QTL Mapping and Gene Identification. G3: Genes, Genomes, Genetics, 2016, 6, 3169-3184. | 0.8 | 36 |
| 3 | Genetic architecture, biochemical underpinnings and ecological impact of floral <scp>UV</scp> patterning. Molecular Ecology, 2016, 25, 1122-1140. | 2.0 | 24 |
| 4 | YUCCAauxin biosynthetic genes are required for Arabidopsis shade avoidance. PeerJ, 2016, 4, e2574. | 0.9 | 68 |
| 5 | Modeling development and quantitative trait mapping reveal independent genetic modules for leaf size and shape. New Phytologist, 2015, 208, 257-268. | 3.5 | 41 |
| 6 | BrAD-seq: Breath Adapter Directional sequencing: a streamlined, ultra-simple and fast library preparation protocol for strand specific mRNA library construction. Frontiers in Plant Science, 2015, 6, 366. | 1.7 | 116 |
| 7 | A Modern Ampelography: A Genetic Basis for Leaf Shape and Venation Patterning in Grape. Plant Physiology, 2014, 164, 259-272. | 2.3 | 233 |
| 8 | Polymorphism Identification and Improved Genome Annotation of Brassica rapa Through Deep RNA Sequencing. G3: Genes, Genomes, Genetics, 2014, 4, 2065-2078. | 0.8 | 29 |
| 9 | Comparative transcriptomics reveals patterns of selection in domesticated and wild tomato. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2655-62. | 3.3 | 325 |
| 10 | Circadian control of jasmonates and salicylates. Plant Signaling and Behavior, 2013, 8, e23123. | 1.2 | 42 |
| 11 | A Quantitative Genetic Basis for Leaf Morphology in a Set of Precisely Defined Tomato Introgression Lines. Plant Cell, 2013, 25, 2465-2481. | 3.1 | 209 |
| 12 | Arabidopsis synchronizes jasmonate-mediated defense with insect circadian behavior. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4674-4677. | 3.3 | 276 |
| 13 | Jumonji domain protein JMJD5 functions in both the plant and human circadian systems. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21623-21628. | 3.3 | 158 |
| 14 | Global transcriptome analysis reveals circadian regulation of key pathways in plant growth and development. Genome Biology, 2008, 9, R130. | 13.9 | 677 |
| 15 | The Development of Protein Microarrays and Their Applications in DNAâ€“Protein and Proteinâ€“Protein Interaction Analyses of Arabidopsis Transcription Factors. Molecular Plant, 2008, 1, 27-41. | 3.9 | 78 |
| 16 | The Circadian Clock Regulates Auxin Signaling and Responses in Arabidopsis. PLoS Biology, 2007, 5, e222. | 2.6 | 302 |
| 17 | Mechanical Stress Induces Biotic and Abiotic Stress Responses via a Novel cis-Element. PLoS Genetics, 2007, 3, e172. | 1.5 | 205 |
| 18 | Rhythmic growth explained by coincidence between internal and external cues. Nature, 2007, 448, 358-361. | 13.7 | 599 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | ELF3 Modulates Resetting of the Circadian Clock in Arabidopsis. Plant Cell, 2001, 13, 1305-1316. | 3.1 | 280 |
| 20 | ELF3 Encodes a Circadian Clockâ€“Regulated Nuclear Protein That Functions in an Arabidopsis PHYB Signal Transduction Pathway. Plant Cell, 2001, 13, 1293-1304. | 3.1 | 214 |
| 21 | ELF3 Encodes a Circadian Clock-Regulated Nuclear Protein That Functions in an Arabidopsis PHYB Signal Transduction Pathway. Plant Cell, 2001, 13, 1293-1304. | 3.1 | 288 |
| 22 | ELF3 Modulates Resetting of the Circadian Clock in Arabidopsis. Plant Cell, 2001, 13, 1305-1316. | 3.1 | 265 |
| 23 | Circadian Regulation of Global Gene Expression and Metabolism. , 0, , 132-165. | | 0 |