

Andrew J Millar

List of Publications by Year in descending order

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154
papers

16,013
citations

16451

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17592

121
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176
all docs

176
docs citations

176
times ranked

9946
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Period Estimation and Rhythm Detection in Timeseries Data Using BioDare2, the Free, Online, Community Resource. <i>Methods in Molecular Biology</i> , 2022, 2398, 15-32. | 0.9 | 2 |
| 2 | The Circadian Clock Gene Circuit Controls Protein and Phosphoprotein Rhythms in <i>Arabidopsis thaliana</i> . <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100172. | 3.8 | 20 |
| 3 | SynBio2Easyâ€”a biologist-friendly tool for batch operations on SBOL designs with Excel inputs. <i>Synthetic Biology</i> , 2022, 7, ysac002. | 2.2 | 3 |
| 4 | The <i>Arabidopsis</i> Framework Model version 2 predicts the organism-level effects of circadian clock gene mis-regulation. <i>In Silico Plants</i> , 2022, 4, . | 1.9 | 2 |
| 5 | Testing the inferred transcription rates of a dynamic, gene network model in absolute units. <i>In Silico Plants</i> , 2021, 3, . | 1.9 | 5 |
| 6 | PyOmeroUpload: A Python toolkit for uploading images and metadata to OMERO. <i>Wellcome Open Research</i> , 2020, 5, 96. | 1.8 | 4 |
| 7 | PyOmeroUpload: A Python toolkit for uploading images and metadata to OMERO. <i>Wellcome Open Research</i> , 2020, 5, 96. | 1.8 | 2 |
| 8 | An explanatory model of temperature influence on flowering through whole-plant accumulation of FLOWERING LOCUS T in <i>Arabidopsis thaliana</i> . <i>In Silico Plants</i> , 2019, 1, . | 1.9 | 20 |
| 9 | Better research by efficient sharing: evaluation of free management platforms for synthetic biology designs. <i>Synthetic Biology</i> , 2019, 4, ysz016. | 2.2 | 9 |
| 10 | Expanding the bioluminescent reporter toolkit for plant science with NanoLUC. <i>Plant Methods</i> , 2019, 15, 68. | 4.3 | 13 |
| 11 | A multi-model framework for the <i>Arabidopsis</i> life cycle. <i>Journal of Experimental Botany</i> , 2019, 70, 2463-2477. | 4.8 | 13 |
| 12 | Practical steps to digital organism models, from laboratory model species to â€”Crops in silico. <i>Journal of Experimental Botany</i> , 2019, 70, 2403-2418. | 4.8 | 19 |
| 13 | Multiple circadian clock outputs regulate diel turnover of carbon and nitrogen reserves. <i>Plant, Cell and Environment</i> , 2019, 42, 549-573. | 5.7 | 49 |
| 14 | Timeâ€”resolved interaction proteomics of the <i>GIGANTEA</i> protein under diurnal cycles in <i>Arabidopsis</i> . <i>FEBS Letters</i> , 2019, 593, 319-338. | 2.8 | 35 |
| 15 | Chromar, a language of parameterised agents. <i>Theoretical Computer Science</i> , 2019, 765, 97-119. | 0.9 | 11 |
| 16 | The grant is dead, long live the data - migration as a pragmatic exit strategy for research data preservation. <i>Wellcome Open Research</i> , 2019, 4, 104. | 1.8 | 2 |
| 17 | The grant is dead, long live the data - migration as a pragmatic exit strategy for research data preservation. <i>Wellcome Open Research</i> , 2019, 4, 104. | 1.8 | 4 |
| 18 | Circadian clock components control daily growth activities by modulating cytokinin levels and cell divisionâ€”associated gene expression in <i>Populus</i> trees. <i>Plant, Cell and Environment</i> , 2018, 41, 1468-1482. | 5.7 | 22 |

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|----|--|------|-----------|
| 19 | Photoperiodic control of the <i>Arabidopsis</i> proteome reveals a translational coincidence mechanism. <i>Molecular Systems Biology</i> , 2018, 14, e7962. | 7.2 | 74 |
| 20 | Chromar, a Rule-based Language of Parameterised Objects. <i>Electronic Notes in Theoretical Computer Science</i> , 2018, 335, 49-66. | 0.9 | 5 |
| 21 | Molecular basis of flowering under natural long-day conditions in <i>Arabidopsis</i> . <i>Nature Plants</i> , 2018, 4, 824-835. | 9.3 | 115 |
| 22 | Multi-scale modelling to synergise Plant Systems Biology and Crop Science. <i>Field Crops Research</i> , 2017, 202, 77-83. | 5.1 | 21 |
| 23 | Valuing the project: a knowledge-action response to network governance in collaborative research. <i>Public Money and Management</i> , 2017, 37, 23-30. | 2.1 | 3 |
| 24 | Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017, 32, 380-393. | 2.6 | 237 |
| 25 | Crops In Silico: Generating Virtual Crops Using an Integrative and Multi-scale Modeling Platform. <i>Frontiers in Plant Science</i> , 2017, 8, 786. | 3.6 | 102 |
| 26 | Organ specificity in the plant circadian system is explained by different light inputs to the shoot and root clocks. <i>New Phytologist</i> , 2016, 212, 136-149. | 7.3 | 91 |
| 27 | Bridging the gap between omics and earth system science to better understand how environmental change impacts marine microbes. <i>Global Change Biology</i> , 2016, 22, 61-75. | 9.5 | 58 |
| 28 | Plants <i>in silico</i> : why, why now and what? – an integrative platform for plant systems biology research. <i>Plant, Cell and Environment</i> , 2016, 39, 1049-1057. | 5.7 | 66 |
| 29 | Photoperiod-dependent changes in the phase of core clock transcripts and global transcriptional outputs at dawn and dusk in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 1955-1981. | 5.7 | 60 |
| 30 | The Intracellular Dynamics of Circadian Clocks Reach for the Light of Ecology and Evolution. <i>Annual Review of Plant Biology</i> , 2016, 67, 595-618. | 18.7 | 132 |
| 31 | Defining the robust behaviour of the plant clock gene circuit with absolute RNA timeseries and open infrastructure. <i>Open Biology</i> , 2015, 5, 150042. | 3.6 | 42 |
| 32 | A Bayesian approach for structure learning in oscillating regulatory networks. <i>Bioinformatics</i> , 2015, 31, 3617-3624. | 4.1 | 17 |
| 33 | Sample Preparation for Phosphoproteomic Analysis of Circadian Time Series in <i>Arabidopsis thaliana</i> . <i>Methods in Enzymology</i> , 2015, 551, 405-431. | 1.0 | 8 |
| 34 | Linked circadian outputs control elongation growth and flowering in response to photoperiod and temperature. <i>Molecular Systems Biology</i> , 2015, 11, 776. | 7.2 | 87 |
| 35 | Label-free quantitative analysis of the casein kinase 2-responsive phosphoproteome of the marine minimal model species <i>Ostreococcus tauri</i> . <i>Proteomics</i> , 2015, 15, 4135-4144. | 2.2 | 20 |
| 36 | Clocks in Algae. <i>Biochemistry</i> , 2015, 54, 171-183. | 2.5 | 49 |

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|----|---|------|-----------|
| 37 | Multiscale digital <i>Arabidopsis</i> predicts individual organ and whole-organism growth. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4127-36. | 7.1 | 88 |
| 38 | Regulatory principles and experimental approaches to the circadian control of starch turnover. Journal of the Royal Society Interface, 2014, 11, 20130979. | 3.4 | 29 |
| 39 | Light and circadian regulation of clock components aids flexible responses to environmental signals. New Phytologist, 2014, 203, 568-577. | 7.3 | 23 |
| 40 | The reduced kinome of <i>Ostreococcus tauri</i> : core eukaryotic signalling components in a tractable model species. BMC Genomics, 2014, 15, 640. | 2.8 | 18 |
| 41 | Online Period Estimation and Determination of Rhythmicity in Circadian Data, Using the BioDare Data Infrastructure. Methods in Molecular Biology, 2014, 1158, 13-44. | 0.9 | 59 |
| 42 | Strengths and Limitations of Period Estimation Methods for Circadian Data. PLoS ONE, 2014, 9, e96462. | 2.5 | 268 |
| 43 | Modelling the widespread effects of TOC1 signalling on the plant circadian clock and its outputs. BMC Systems Biology, 2013, 7, 23. | 3.0 | 112 |
| 44 | Model selection reveals control of cold signalling by evening-phased components of the plant circadian clock. Plant Journal, 2013, 76, 247-257. | 5.7 | 38 |
| 45 | Network balance <i>via</i> CRY signalling controls the <i>Arabidopsis</i> circadian clock over ambient temperatures. Molecular Systems Biology, 2013, 9, 650. | 7.2 | 78 |
| 46 | Functional analysis of the rodent CK1tau mutation in the circadian clock of a marine unicellular alga. BMC Cell Biology, 2013, 14, 46. | 3.0 | 6 |
| 47 | Variation in plastic responses of a globally distributed picoplankton species to ocean acidification. Nature Climate Change, 2013, 3, 298-302. | 18.8 | 133 |
| 48 | HIGH EXPRESSION OF OSMOTICALLY RESPONSIVE GENES1 Is Required for Circadian Periodicity through the Promotion of Nucleo-Cytoplasmic mRNA Export in <i>Arabidopsis</i> . Plant Cell, 2013, 25, 4391-4404. | 6.6 | 73 |
| 49 | SBSI: an extensible distributed software infrastructure for parameter estimation in systems biology. Bioinformatics, 2013, 29, 664-665. | 4.1 | 20 |
| 50 | Hybrid regulatory models: a statistically tractable approach to model regulatory network dynamics. Bioinformatics, 2013, 29, 910-916. | 4.1 | 40 |
| 51 | Functional Analysis of Casein Kinase 1 in a Minimal Circadian System. PLoS ONE, 2013, 8, e70021. | 2.5 | 39 |
| 52 | The Input Signal Step Function (ISSF), a Standard Method to Encode Input Signals in SBML Models with Software Support, Applied to Circadian Clock Models. Journal of Biological Rhythms, 2012, 27, 328-332. | 2.6 | 6 |
| 53 | Stochastic properties of the plant circadian clock. Journal of the Royal Society Interface, 2012, 9, 744-756. | 3.4 | 48 |
| 54 | Digital clocks: simple Boolean models can quantitatively describe circadian systems. Journal of the Royal Society Interface, 2012, 9, 2365-2382. | 3.4 | 67 |

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|----|--|------|-----------|
| 55 | Corrigendum for the paper "Digital clocks: simple Boolean models can quantitatively describe circadian systems". Journal of the Royal Society Interface, 2012, 9, 3578-3578. | 3.4 | 0 |
| 56 | Spontaneous spatiotemporal waves of gene expression from biological clocks in the leaf. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6757-6762. | 7.1 | 103 |
| 57 | Non-transcriptional oscillators in circadian timekeeping. Trends in Biochemical Sciences, 2012, 37, 484-492. | 7.5 | 63 |
| 58 | The clock gene circuit in <i>Arabidopsis</i> includes a repressilator with additional feedback loops. Molecular Systems Biology, 2012, 8, 574. | 7.2 | 386 |
| 59 | Genomic Transformation of the Picoeukaryote <i>Ostreococcus tauri</i> . Journal of Visualized Experiments, 2012, , e4074. | 0.3 | 24 |
| 60 | Peroxiredoxins are conserved markers of circadian rhythms. Nature, 2012, 485, 459-464. | 27.8 | 752 |
| 61 | FKF1 Conveys Timing Information for CONSTANS Stabilization in Photoperiodic Flowering. Science, 2012, 336, 1045-1049. | 12.6 | 392 |
| 62 | Mapping the Core of the <i>Arabidopsis</i> Circadian Clock Defines the Network Structure of the Oscillator. Science, 2012, 336, 75-79. | 12.6 | 424 |
| 63 | Full genome re-sequencing reveals a novel circadian clock mutation in <i>Arabidopsis</i> . Genome Biology, 2011, 12, R28. | 9.6 | 69 |
| 64 | Shotgun proteomic analysis of the unicellular alga <i>Ostreococcus tauri</i> . Journal of Proteomics, 2011, 74, 2060-2070. | 2.4 | 56 |
| 65 | Multiple light inputs to a simple clock circuit allow complex biological rhythms. Plant Journal, 2011, 66, 375-385. | 5.7 | 56 |
| 66 | Light inputs shape the <i>Arabidopsis</i> circadian system. Plant Journal, 2011, 66, 480-491. | 5.7 | 78 |
| 67 | Circadian rhythms persist without transcription in a eukaryote. Nature, 2011, 469, 554-558. | 27.8 | 460 |
| 68 | Temporal Repression of Core Circadian Genes Is Mediated through EARLY FLOWERING 3 in <i>Arabidopsis</i> . Current Biology, 2011, 21, 120-125. | 3.9 | 212 |
| 69 | Proteasome Function Is Required for Biological Timing throughout the Twenty-Four Hour Cycle. Current Biology, 2011, 21, 869-875. | 3.9 | 61 |
| 70 | Microarray data can predict diurnal changes of starch content in the picoalga <i>Ostreococcus</i> . BMC Systems Biology, 2011, 5, 36. | 3.0 | 37 |
| 71 | Ubiquitin ligase switch in plant photomorphogenesis: A hypothesis. Journal of Theoretical Biology, 2011, 270, 31-41. | 1.7 | 29 |
| 72 | Circadian Clock Parameter Measurement: Characterization of Clock Transcription Factors Using Surface Plasmon Resonance. Journal of Biological Rhythms, 2011, 26, 91-98. | 2.6 | 12 |

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|----|---|------|-----------|
| 73 | Partners in Time: EARLY BIRD Associates with ZEITLUPE and Regulates the Speed of the Arabidopsis Clock. <i>Plant Physiology</i> , 2011, 155, 2108-2122. | 4.8 | 24 |
| 74 | A Reduced-Function Allele Reveals That <i>EARLY FLOWERING3</i> Repressive Action on the Circadian Clock Is Modulated by Phytochrome Signals in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 3230-3246. | 6.6 | 95 |
| 75 | Quantitative analysis of regulatory flexibility under changing environmental conditions. <i>Molecular Systems Biology</i> , 2010, 6, 424. | 7.2 | 99 |
| 76 | Robustness from flexibility in the fungal circadian clock. <i>BMC Systems Biology</i> , 2010, 4, 88. | 3.0 | 47 |
| 77 | The Contributions of Interlocking Loops and Extensive Nonlinearity to the Properties of Circadian Clock Models. <i>PLoS ONE</i> , 2010, 5, e13867. | 2.5 | 20 |
| 78 | Data assimilation constrains new connections and components in a complex, eukaryotic circadian clock model. <i>Molecular Systems Biology</i> , 2010, 6, 416. | 7.2 | 145 |
| 79 | Consistent Robustness Analysis (CRA) Identifies Biologically Relevant Properties of Regulatory Network Models. <i>PLoS ONE</i> , 2010, 5, e15589. | 2.5 | 6 |
| 80 | Weather and Seasons Together Demand Complex Biological Clocks. <i>Current Biology</i> , 2009, 19, 1961-1964. | 3.9 | 93 |
| 81 | PlaSMo: Making existing plant and crop mathematical models available to plant systems biologists. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 153, S225-S226. | 1.8 | 3 |
| 82 | Prediction of Photoperiodic Regulators from Quantitative Gene Circuit Models. <i>Cell</i> , 2009, 139, 1170-1179. | 28.9 | 111 |
| 83 | Protocol: Streamlined sub-protocols for floral-dip transformation and selection of transformants in <i>Arabidopsis thaliana</i> . <i>Plant Methods</i> , 2009, 5, 3. | 4.3 | 175 |
| 84 | A switchable light-input, light-output system modelled and constructed in yeast. <i>Journal of Biological Engineering</i> , 2009, 3, 15. | 4.7 | 38 |
| 85 | Efficient utility-based clustering over high dimensional partition spaces. <i>Bayesian Analysis</i> , 2009, 4, . | 3.0 | 5 |
| 86 | Isoform switching facilitates period control in the <i>Neurospora crassa</i> circadian clock. <i>Molecular Systems Biology</i> , 2008, 4, 164. | 7.2 | 31 |
| 87 | Modelling non-stationary gene regulatory processes with a non-homogeneous Bayesian network and the allocation sampler. <i>Bioinformatics</i> , 2008, 24, 2071-2078. | 4.1 | 55 |
| 88 | Reconstruction of transcriptional dynamics from gene reporter data using differential equations. <i>Bioinformatics</i> , 2008, 24, 2901-2907. | 4.1 | 58 |
| 89 | Isoform switching facilitates period control in the <i>Neurospora crassa</i> circadian clock. <i>Molecular Systems Biology</i> , 2008, 4, . | 7.2 | 9 |
| 90 | ELF4 Is Required for Oscillatory Properties of the Circadian Clock. <i>Plant Physiology</i> , 2007, 144, 391-401. | 4.8 | 133 |

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|-----|---|------|-----------|
| 91 | TIME FOR COFFEE Encodes a Nuclear Regulator in the Arabidopsis thaliana Circadian Clock. <i>Plant Cell</i> , 2007, 19, 1522-1536. | 6.6 | 115 |
| 92 | Development of a novel biosensor for the detection of arsenic in drinking water. <i>IET Synthetic Biology</i> , 2007, 1, 87-90. | 0.2 | 37 |
| 93 | Analysis of Circadian Leaf Movement Rhythms in Arabidopsis thaliana. <i>Methods in Molecular Biology</i> , 2007, 362, 103-113. | 0.9 | 23 |
| 94 | Arabidopsis thaliana Circadian Clock Is Regulated by the Small GTPase LIP1. <i>Current Biology</i> , 2007, 17, 1456-1464. | 3.9 | 36 |
| 95 | Detection and resolution of genetic loci affecting circadian period in Brassica oleracea. <i>Theoretical and Applied Genetics</i> , 2007, 114, 683-692. | 3.6 | 21 |
| 96 | Experimental validation of a predicted feedback loop in the multi-oscillator clock of Arabidopsis thaliana. <i>Molecular Systems Biology</i> , 2006, 2, 59. | 7.2 | 379 |
| 97 | Uncovering the design principles of circadian clocks: Mathematical analysis of flexibility and evolutionary goals. <i>Journal of Theoretical Biology</i> , 2006, 238, 616-635. | 1.7 | 73 |
| 98 | FLOWERING LOCUS C-dependent and -independent regulation of the circadian clock by the autonomous and vernalization pathways. <i>BMC Plant Biology</i> , 2006, 6, 10. | 3.6 | 50 |
| 99 | Forward Genetic Analysis of the Circadian Clock Separates the Multiple Functions of ZEITLUPE. <i>Plant Physiology</i> , 2006, 140, 933-945. | 4.8 | 90 |
| 100 | The Molecular Basis of Temperature Compensation in the Arabidopsis Circadian Clock. <i>Plant Cell</i> , 2006, 18, 1177-1187. | 6.6 | 315 |
| 101 | FLOWERING LOCUS C Mediates Natural Variation in the High-Temperature Response of the Arabidopsis Circadian Clock. <i>Plant Cell</i> , 2006, 18, 639-650. | 6.6 | 276 |
| 102 | Biological clocks in theory and experiments. <i>BMC Bioinformatics</i> , 2005, 6, S2. | 2.6 | 2 |
| 103 | Modelling genetic networks with noisy and varied experimental data: the circadian clock in Arabidopsis thaliana. <i>Journal of Theoretical Biology</i> , 2005, 234, 383-393. | 1.7 | 225 |
| 104 | Natural Allelic Variation in the Temperature-Compensation Mechanisms of the Arabidopsis thaliana Circadian Clock Sequence data from this article have been deposited with the EMBL/GenBank Data Libraries under accession nos. AY685131 and AY685132. <i>Genetics</i> , 2005, 170, 387-400. | 2.9 | 153 |
| 105 | Functional Characterization of Phytochrome Interacting Factor 3 for the Arabidopsis thaliana Circadian Clockwork. <i>Plant and Cell Physiology</i> , 2005, 46, 1591-1602. | 3.1 | 36 |
| 106 | Extension of a genetic network model by iterative experimentation and mathematical analysis. <i>Molecular Systems Biology</i> , 2005, 1, 2005.0013. | 7.2 | 319 |
| 107 | Plant Circadian Clocks Increase Photosynthesis, Growth, Survival, and Competitive Advantage. <i>Science</i> , 2005, 309, 630-633. | 12.6 | 1,302 |
| 108 | Circadian Genetics in the Model Higher Plant, Arabidopsis thaliana. <i>Methods in Enzymology</i> , 2005, 393, 23-35. | 1.0 | 36 |

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|-----|--|------|-----------|
| 109 | Circadian Rhythms of Ethylene Emission in Arabidopsis. <i>Plant Physiology</i> , 2004, 136, 3751-3761. | 4.8 | 147 |
| 110 | The wild-type circadian period of <i>Neurospora</i> is encoded in the residual network of the null <i>frq</i> mutants. <i>Journal of Theoretical Biology</i> , 2004, 229, 413-420. | 1.7 | 5 |
| 111 | Design principles underlying circadian clocks. <i>Journal of the Royal Society Interface</i> , 2004, 1, 119-130. | 3.4 | 94 |
| 112 | Response regulator homologues have complementary, light-dependent functions in the Arabidopsis circadian clock. <i>Planta</i> , 2003, 218, 159-162. | 3.2 | 91 |
| 113 | The Arabidopsis <i>SRR1</i> gene mediates <i>phyB</i> signaling and is required for normal circadian clock function. <i>Genes and Development</i> , 2003, 17, 256-268. | 5.9 | 91 |
| 114 | Input signals to the plant circadian clock. <i>Journal of Experimental Botany</i> , 2003, 55, 277-283. | 4.8 | 147 |
| 115 | The TIME FOR COFFEE Gene Maintains the Amplitude and Timing of Arabidopsis Circadian Clocks[W]. <i>Plant Cell</i> , 2003, 15, 2719-2729. | 6.6 | 199 |
| 116 | A Suite of Photoreceptors Entrain the Plant Circadian Clock. <i>Journal of Biological Rhythms</i> , 2003, 18, 217-226. | 2.6 | 55 |
| 117 | The Circadian Clock. A Plant's Best Friend in a Spinning World. <i>Plant Physiology</i> , 2003, 132, 732-738. | 4.8 | 105 |
| 118 | The Circadian Clock That Controls Gene Expression in Arabidopsis Is Tissue Specific. <i>Plant Physiology</i> , 2002, 130, 102-110. | 4.8 | 134 |
| 119 | QTL for timing: a natural diversity of clock genes. <i>Trends in Genetics</i> , 2002, 18, 115-118. | 6.7 | 6 |
| 120 | Distinct regulation of <i>CAB</i> and <i>PHYB</i> gene expression by similar circadian clocks. <i>Plant Journal</i> , 2002, 32, 529-537. | 5.7 | 72 |
| 121 | The <i>ELF4</i> gene controls circadian rhythms and flowering time in <i>Arabidopsis thaliana</i> . <i>Nature</i> , 2002, 419, 74-77. | 27.8 | 436 |
| 122 | Watching the hands of the Arabidopsis biological clock. <i>Genome Biology</i> , 2001, 2, reviews1008.1. | 9.6 | 24 |
| 123 | Conditional Circadian Regulation of <i>PHYTOCHROME A</i> Gene Expression. <i>Plant Physiology</i> , 2001, 127, 1808-1818. | 4.8 | 75 |
| 124 | Light responses of a plastic plant. <i>Nature Genetics</i> , 2001, 29, 357-358. | 21.4 | 7 |
| 125 | Circadian Clock-Regulated Expression of Phytochrome and Cryptochrome Genes in Arabidopsis. <i>Plant Physiology</i> , 2001, 127, 1607-1616. | 4.8 | 244 |
| 126 | The <i>ELF3</i> zeitnehmer regulates light signalling to the circadian clock. <i>Nature</i> , 2000, 408, 716-720. | 27.8 | 337 |

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|-----|--|------|-----------|
| 127 | How plants tell the time. <i>Current Opinion in Plant Biology</i> , 2000, 3, 43-46. | 7.1 | 24 |
| 128 | Clock proteins: Turned over after hours?. <i>Current Biology</i> , 2000, 10, R529-R531. | 3.9 | 11 |
| 129 | Independent Action of ELF3 and phyB to Control Hypocotyl Elongation and Flowering Time. <i>Plant Physiology</i> , 2000, 122, 1149-1160. | 4.8 | 110 |
| 130 | Functional independence of circadian clocks that regulate plant gene expression. <i>Current Biology</i> , 2000, 10, 951-956. | 3.9 | 170 |
| 131 | The circadian clock controls the expression pattern of the circadian input photoreceptor, phytochrome B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 14652-14657. | 7.1 | 136 |
| 132 | Biological clocks in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 1999, 141, 175-197. | 7.3 | 52 |
| 133 | Circadian dysfunction causes aberrant hypocotyl elongation patterns in <i>Arabidopsis</i> . <i>Plant Journal</i> , 1999, 17, 63-71. | 5.7 | 277 |
| 134 | Natural allelic variation identifies new genes in the <i>Arabidopsis</i> circadian system. <i>Plant Journal</i> , 1999, 20, 67-77. | 5.7 | 171 |
| 135 | Circadian biology: Clocks for the real world. <i>Current Biology</i> , 1999, 9, R633-R635. | 3.9 | 22 |
| 136 | Molecular Intrigue Between Phototransduction and the Circadian Clock. <i>Annals of Botany</i> , 1998, 81, 581-587. | 2.9 | 12 |
| 137 | An <i>Arabidopsis</i> Mutant Hypersensitive to Red and Far-Red Light Signals. <i>Plant Cell</i> , 1998, 10, 889-904. | 6.6 | 103 |
| 138 | An <i>Arabidopsis</i> Mutant Hypersensitive to Red and Far-Red Light Signals. <i>Plant Cell</i> , 1998, 10, 889. | 6.6 | 4 |
| 139 | Attenuation of Phytochrome A and B Signaling Pathways by the <i>Arabidopsis</i> Circadian Clock. <i>Plant Cell</i> , 1997, 9, 1727. | 6.6 | 0 |
| 140 | Attenuation of phytochrome A and B signaling pathways by the <i>Arabidopsis</i> circadian clock.. <i>Plant Cell</i> , 1997, 9, 1727-1743. | 6.6 | 93 |
| 141 | Circadian rhythms: PASsing time. <i>Current Biology</i> , 1997, 7, R474-R476. | 3.9 | 17 |
| 142 | Phytochrome-induced intercellular signalling activates <i>cab::luciferase</i> gene expression. <i>Plant Journal</i> , 1997, 12, 839-849. | 5.7 | 31 |
| 143 | The genetics of phototransduction and circadian rhythms in <i>arabidopsis</i> . <i>BioEssays</i> , 1997, 19, 209-214. | 2.5 | 28 |
| 144 | Conditional Circadian Dysfunction of the <i>Arabidopsis</i> early-flowering 3 Mutant. <i>Science</i> , 1996, 274, 790-792. | 12.6 | 393 |

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|-----|---|------|-----------|
| 145 | Integration of circadian and phototransduction pathways in the network controlling CAB gene transcription in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 15491-15496. | 7.1 | 258 |
| 146 | Real-time imaging of transcription in living cells and tissues. Biochemical Society Transactions, 1996, 24, 411S-411S. | 3.4 | 17 |
| 147 | The regulation of circadian period by phototransduction pathways in Arabidopsis. Science, 1995, 267, 1163-1166. | 12.6 | 285 |
| 148 | Circadian clock mutants in Arabidopsis identified by luciferase imaging. Science, 1995, 267, 1161-1163. | 12.6 | 595 |
| 149 | New models in vogue for circadian clocks. Cell, 1995, 83, 361-364. | 28.9 | 48 |
| 150 | Phytochrome Phototransduction Pathways. Annual Review of Genetics, 1994, 28, 325-349. | 7.6 | 122 |
| 151 | Firefly luciferase as a reporter of regulated gene expression in higher plants. Plant Molecular Biology Reporter, 1992, 10, 324-337. | 1.8 | 127 |
| 152 | A Novel Circadian Phenotype Based on Firefly Luciferase Expression in Transgenic Plants. Plant Cell, 1992, 4, 1075. | 6.6 | 105 |
| 153 | Circadian Control of cab Gene Transcription and mRNA Accumulation in Arabidopsis. Plant Cell, 1991, 3, 541. | 6.6 | 67 |
| 154 | Analysis of Circadian Leaf Movement Rhythms in <i>Arabidopsis thaliana</i> , 0, , 103-114. | | 0 |