

# Kieron D Edwards

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5842501/publications.pdf>

Version: 2024-02-01

20  
papers

1,531  
citations

623734

14  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1861  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The clock gene circuit in <i>Arabidopsis</i> includes a repressilator with additional feedback loops. <i>Molecular Systems Biology</i> , 2012, 8, 574.   | 7.2 | 386       |
| 2  | FLOWERING LOCUS C Mediates Natural Variation in the High-Temperature Response of the <i>Arabidopsis</i> Circadian Clock. <i>Plant Cell</i> , 2006, 18, 639-650.  | 6.6 | 276       |
| 3  | Natural Allelic Variation in the Temperature-Compensation Mechanisms of the <i>Arabidopsis thaliana</i> 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       |
| 4  | 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       |
| 5  | Quantitative analysis of regulatory flexibility under changing environmental conditions. <i>Molecular Systems Biology</i> , 2010, 6, 424.  | 7.2 | 99        |
| 6  | Light inputs shape the <i>Arabidopsis</i> circadian system. <i>Plant Journal</i> , 2011, 66, 480-491.  | 5.7 | 78        |
| 7  | Reconstruction of transcriptional dynamics from gene reporter data using differential equations. <i>Bioinformatics</i> , 2008, 24, 2901-2907.  | 4.1 | 58        |
| 8  | 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        |
| 9  | TobEA: an atlas of tobacco gene expression from seed to senescence. <i>BMC Genomics</i> , 2010, 11, 142.   | 2.8 | 55        |
| 10 | BAG-1 is up-regulated in colorectal tumour progression and promotes colorectal tumour cell survival through increased NF- $\kappa$ B activity. <i>Carcinogenesis</i> , 2008, 29, 849-857.  | 2.8 | 49        |
| 11 | Deciphering the complex leaf transcriptome of the allotetraploid species <i>Nicotiana tabacum</i> : a phylogenomic perspective. <i>BMC Genomics</i> , 2012, 13, 406.   | 2.8 | 39        |
| 12 | Analysis of Phase of LUCIFERASE Expression Reveals Novel Circadian Quantitative Trait Loci in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2006, 140, 1464-1474.   | 4.8 | 36        |
| 13 | Analysis of Circadian Leaf Movement Rhythms in <i>Arabidopsis thaliana</i> . <i>Methods in Molecular Biology</i> , 2007, 362, 103-113.   | 0.9 | 23        |
| 14 | Circadian clock components control daily growth activities by modulating cytokinin levels and cell division-associated gene expression in <i>Populus</i> trees. <i>Plant, Cell and Environment</i> , 2018, 41, 1468-1482.  | 5.7 | 22        |
| 15 | Accelerated flowering time reduces lifetime water use without penalizing reproductive performance in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2019, 42, 1847-1867.  | 5.7 | 10        |
| 16 | Targeting Acr3 from <i>Ensifer medicae</i> to the plasma membrane or to the tonoplast of tobacco hairy roots allows arsenic extrusion or improved accumulation. Effect of <i>acr3</i> expression on the root transcriptome. <i>Metallomics</i> , 2019, 11, 1864-1886.                              | 2.4 | 9         |
| 17 | Effects of <i>Salvia officinalis</i> L. and <i>Chamaemelum nobile</i> (L.) extracts on inflammatory responses in two models of human cells: Primary subcutaneous adipocytes and neuroblastoma cell line (SK-N-SH). <i>Journal of Ethnopharmacology</i> , 2021, 268, 113614.                        | 4.1 | 7         |
| 18 | QTL for timing: a natural diversity of clock genes. <i>Trends in Genetics</i> , 2002, 18, 115-118.   | 6.7 | 6         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Efficient utility-based clustering over high dimensional partition spaces. <i>Bayesian Analysis</i> , 2009, 4, .   | 3.0 | 5         |
| 20 | Evidence for anti-inflammatory effects and modulation of neurotransmitter metabolism by <i>Salvia officinalis</i> L.. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 131. | 2.7 | 5         |