Resource Summary Report

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CYCLE

RRID:SCR_001328

Type: Tool

Proper Citation

CYCLE (RRID:SCR_001328)

Resource Information

URL: http://itb.biologie.hu-berlin.de/~futschik/software/R/cycle/index.html

Proper Citation: CYCLE (RRID:SCR_001328)

Description: Software package for the identification of periodically expressed genes using Fourier analysis and the statistical assessment of significance using different background models.

Abbreviations: CYCLE

Resource Type: software resource

Defining Citation: PMID:18310054

Keywords: r, microarray, time course, periodic expression pattern, time-series, bio.tools

Funding:

Availability: GNU General Public License, v2

Resource Name: CYCLE

Resource ID: SCR_001328

Alternate IDs: OMICS_02010, biotools:cycle

Alternate URLs: http://www.bioconductor.org/packages/release/bioc/html/cycle.html,

https://bio.tools/cycle

Record Creation Time: 20220129T080206+0000

Record Last Update: 20250420T014026+0000

Ratings and Alerts

No rating or validation information has been found for CYCLE.

No alerts have been found for CYCLE.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Bzducha-Wróbel A, et al. (2024) How do the carbon and nitrogen sources affect the synthesis of ?-(1,3/1,6)-glucan, its structure and the susceptibility of Candida utilis yeast cells to immunolabelling with ?-(1,3)-glucan monoclonal antibodies? Microbial cell factories, 23(1), 28.

Billing AM, et al. (2024) Metabolic Communication by SGLT2 Inhibition. Circulation, 149(11), 860.

Su G, et al. (2024) Investigation of the Mechanism of SEMA5A and Its Associated Autophagy-Related Genes in Gastric Cancer. International journal of general medicine, 17, 4101.

Heels-Ansdell D, et al. (2024) Early In-Bed Cycle Ergometry With Critically III, Mechanically Ventilated Patients: Statistical Analysis Plan for CYCLE (Critical Care Cycling to Improve Lower Extremity Strength), an International, Multicenter, Randomized Clinical Trial. JMIR research protocols, 13, e54451.

Kho ME, et al. (2023) Critical Care Cycling to Improve Lower Extremity Strength (CYCLE): protocol for an international, multicentre randomised clinical trial of early in-bed cycling for mechanically ventilated patients. BMJ open, 13(6), e075685.

Kim J, et al. (2023) Factors Associated With Online Patient-Provider Communications Among Cancer Survivors in the United States During COVID-19: Cross-sectional Study. JMIR cancer, 9, e44339.

Becker-Krail DD, et al. (2022) Astrocyte Molecular Clock Function in the Nucleus Accumbens Is Important for Reward-Related Behavior. Biological psychiatry, 92(1), 68.

Lei Y, et al. (2021) Cerebellar contribution to sensorimotor adaptation deficits in humans with spinal cord injury. Scientific reports, 11(1), 2507.

Bennett GG, et al. (2021) Optimizing an Obesity Treatment Using the Multiphase Optimization Strategy Framework: Protocol for a Randomized Factorial Trial. JMIR research protocols, 10(1), e19506.

Weninger BMH, et al. (2021) Neutron Diffraction Study of a Sintered Iron Electrode In Operando. The journal of physical chemistry. C, Nanomaterials and interfaces, 125(30), 16391.

Litovchenko M, et al. (2021) Extensive tissue-specific expression variation and novel regulators underlying circadian behavior. Science advances, 7(5).

Kim YS, et al. (2021) Correcting signal biases and detecting regulatory elements in STARR-seq data. Genome research, 31(5), 877.

Christidis T, et al. (2019) Low concentrations of fine particle air pollution and mortality in the Canadian Community Health Survey cohort. Environmental health: a global access science source, 18(1), 84.

Egan AE, et al. (2019) Palatable food reduces anxiety-like behaviors and HPA axis responses to stress in female rats in an estrous-cycle specific manner. Hormones and behavior, 115, 104557.

Reid JC, et al. (2019) Therapist perceptions of a rehabilitation research study in the intensive care unit: a trinational survey assessing barriers and facilitators to implementing the CYCLE pilot randomized clinical trial. Pilot and feasibility studies, 5, 131.

Jessiman-Perreault G, et al. (2019) Household Food Insecurity Narrows the Sex Gap in Five Adverse Mental Health Outcomes among Canadian Adults. International journal of environmental research and public health, 16(3).

Jessiman-Perreault G, et al. (2017) The household food insecurity gradient and potential reductions in adverse population mental health outcomes in Canadian adults. SSM - population health, 3, 464.

Bauer GR, et al. (2016) Occurrence of multiple mental health or substance use outcomes among bisexuals: a respondent-driven sampling study. BMC public health, 16, 497.

Pinault L, et al. (2016) Risk estimates of mortality attributed to low concentrations of ambient fine particulate matter in the Canadian community health survey cohort. Environmental health: a global access science source, 15, 18.

Haspel JA, et al. (2014) Circadian rhythm reprogramming during lung inflammation. Nature communications, 5, 4753.