Resource Summary Report

Generated by NIF on May 24, 2025

Code Ocean

RRID:SCR_015532
Type: Tool

Proper Citation

Code Ocean (RRID:SCR_015532)

Resource Information

URL: https://codeocean.com/

Proper Citation: Code Ocean (RRID:SCR_015532)

Description: Cloud-based executable research platform for discovering and running scientific code. Code Ocean is designed to give researchers and developers a way to share, discover and run code published in academic journals and conferences. Users can upload code and data in various programming languages and link working code in a computational environment with the associated article, with Code Ocean assigning a Digital Object Identifier (DOI) to the algorithm.

Synonyms: Code Ocean Inc

Resource Type: software resource

Keywords: cloud based platform, cloud platform, source code repository, scientific code repository

Funding:

Availability: Open source, Code is available for download

Resource Name: Code Ocean

Resource ID: SCR_015532

Alternate IDs: DOI:10.24433, DOI:10.17616/R38F5N, DOI:10.25504/FAIRsharing.thskvr

Alternate URLs: https://doi.org/10.17616/R38F5N, https://doi.org/10.24433/, https://dx.doi.org/10.24433/, https://fairsharing.org/10.25504/FAIRsharing.thskvr

License URLs: https://codeocean.com/legal/terms-of-use.html https://codeocean.com/legal/privacy-policy.html

Record Creation Time: 20220129T080326+0000

Record Last Update: 20250519T203857+0000

Ratings and Alerts

No rating or validation information has been found for Code Ocean.

No alerts have been found for Code Ocean.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 42 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Frazer SA, et al. (2024) Discovering genotype-phenotype relationships with machine learning and the Visual Physiology Opsin Database (VPOD). GigaScience, 13.

Köhler CA, et al. (2024) Facilitating the Sharing of Electrophysiology Data Analysis Results Through In-Depth Provenance Capture. eNeuro, 11(6).

Islam J, et al. (2024) Case-Base Neural Network: Survival analysis with time-varying, higher-order interactions. Machine learning with applications, 16.

de Vries SEJ, et al. (2023) Sharing neurophysiology data from the Allen Brain Observatory. eLife, 12.

Stall S, et al. (2023) Journal Production Guidance for Software and Data Citations. Scientific data, 10(1), 656.

Monks T, et al. (2023) Improving the usability of open health service delivery simulation models using Python and web apps. NIHR open research, 3, 48.

Song J, et al. (2023) acc: An R package to process, visualize, and analyze accelerometer data. Software impacts, 18.

Stolte SE, et al. (2023) DOMINO: Domain-aware loss for deep learning calibration. Software impacts, 15.

Cao S, et al. (2023) A data integration approach unveils a transcriptional signature of type 2 diabetes progression in rat and human islets. PloS one, 18(10), e0292579.

Celik G, et al. (2023) Detection of Covid-19 and other pneumonia cases from CT and X-ray chest images using deep learning based on feature reuse residual block and depthwise dilated convolutions neural network. Applied soft computing, 133, 109906.

Mischler G, et al. (2023) naplib-python: Neural acoustic data processing and analysis tools in python. Software impacts, 17.

Bulatov KB, et al. (2023) Reducing radiation dose for NN-based COVID-19 detection in helical chest CT using real-time monitored reconstruction. Expert systems with applications, 229, 120425.

Tosin M, et al. (2022) ARBO: Arbovirus modeling and uncertainty quantification toolbox. Software impacts, 12, 100252.

Lejeune P, et al. (2022) LED color gradient as a new screening tool for rapid phenotyping of plant responses to light quality. GigaScience, 11.

Breve FA, et al. (2022) COVID-19 detection on Chest X-ray images: A comparison of CNN architectures and ensembles. Expert systems with applications, 204, 117549.

Brum AA, et al. (2022) ModInterv: An automated online software for modeling epidemics. Software impacts, 14, 100409.

Mvula PK, et al. (2022) COVID-19 malicious domain names classification. Expert systems with applications, 204, 117553.

Zhu T, et al. (2022) A pan-tissue DNA methylation atlas enables in silico decomposition of human tissue methylomes at cell-type resolution. Nature methods, 19(3), 296.

Manathunga SS, et al. (2022) Source code and secondary data of the stochastic process based COVID-19 simulation model. Software impacts, 12, 100284.

Tavakolian A, et al. (2022) Fast COVID-19 versus H1N1 screening using Optimized Parallel Inception. Expert systems with applications, 204, 117551.