Resource Summary Report

Generated by NIF on May 1, 2025

Jupyter Notebook

RRID:SCR_018315 Type: Tool

Proper Citation

Jupyter Notebook (RRID:SCR_018315)

Resource Information

URL: https://jupyter.org/

Proper Citation: Jupyter Notebook (RRID:SCR_018315)

Description: Open source web application to create and share documents that contain live code, equations, visualizations and narrative text. Used for data cleaning and transformation, numerical simulation, statistical modeling, data visualization, machine learning.

Resource Type: software resource, web application

Keywords: Create and share document, live code, equation, visualization, narrative text document, data cleaning, data transformation, numerical simulation, statistical modeling, data visualization, machine learning

Funding:

Availability: Free, Available for download, Freely available

Resource Name: Jupyter Notebook

Resource ID: SCR_018315

Record Creation Time: 20220129T080339+0000

Record Last Update: 20250429T055953+0000

Ratings and Alerts

No rating or validation information has been found for Jupyter Notebook.

No alerts have been found for Jupyter Notebook.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 262 mentions in open access literature.

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

Murphy BM, et al. (2025) FAIR data - the photon and neutron communities move together towards open science. IUCrJ, 12(Pt 1), 8.

Zuo M, et al. (2025) Weakly supervised deep learning-based classification for histopathology of gliomas: a single center experience. Scientific reports, 15(1), 265.

Sinha A, et al. (2025) The NeuroML ecosystem for standardized multi-scale modeling in neuroscience. eLife, 13.

Willsey MS, et al. (2025) A high-performance brain-computer interface for finger decoding and quadcopter game control in an individual with paralysis. Nature medicine, 31(1), 96.

Te Aika B, et al. (2025) Aotearoa genomic data repository: An ?huru m?wai for taonga species sequencing data. Molecular ecology resources, 25(2), e13866.

Marinho MFP, et al. (2025) National and subnational plans for primary prevention and early detection of oral and oropharyngeal cancer: a scoping review. Cadernos de saude publica, 40(12), e00233923.

Samuel S, et al. (2024) Computational reproducibility of Jupyter notebooks from biomedical publications. GigaScience, 13.

Chen H, et al. (2024) AVERON notebook to discover actionable cancer vulnerabilities enabled by neomorph protein-protein interactions. iScience, 27(6), 110035.

Raharinirina NA, et al. (2024) Multi-Input data ASsembly for joint Analysis (MIASA): A framework for the joint analysis of disjoint sets of variables. PloS one, 19(5), e0302425.

Allgaier J, et al. (2024) Practical approaches in evaluating validation and biases of machine learning applied to mobile health studies. Communications medicine, 4(1), 76.

Kashtan Y, et al. (2024) Nitrogen dioxide exposure, health outcomes, and associated demographic disparities due to gas and propane combustion by U.S. stoves. Science

advances, 10(18), eadm8680.

Zvirblyte J, et al. (2024) Single-cell transcriptional profiling of clear cell renal cell carcinoma reveals a tumor-associated endothelial tip cell phenotype. Communications biology, 7(1), 780.

Kelley LH, et al. (2024) Poly(U) polymerase activity in Caenorhabditis elegans regulates abundance and tailing of sRNA and mRNA. Genetics, 228(2).

Nemzow L, et al. (2024) Validation of a blood biomarker panel for machine learning-based radiation biodosimetry in juvenile and adult C57BL/6 mice. Scientific reports, 14(1), 23872.

Lu?inskait? E, et al. (2024) Reduced Non-Specific Binding of Super-Resolution DNA-PAINT Markers by Shielded DNA-PAINT Labeling Protocols. Small (Weinheim an der Bergstrasse, Germany), 20(51), e2405032.

Sami A, et al. (2024) A deep learning based hybrid recommendation model for internet users. Scientific reports, 14(1), 29390.

Kumar A, et al. (2024) Exploring and analyzing the role of hybrid spectrum sensing methods in 6G-based smart health care applications. F1000Research, 13, 110.

Zirem Y, et al. (2024) Real-time glioblastoma tumor microenvironment assessment by SpiderMass for improved patient management. Cell reports. Medicine, 5(4), 101482.

Otsuka K, et al. (2024) Prediction of key biological processes from intercellular DNA damage differences through model-based fitting. iScience, 27(12), 111473.

Pöpplau JA, et al. (2024) Reorganization of adolescent prefrontal cortex circuitry is required for mouse cognitive maturation. Neuron, 112(3), 421.