

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

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

Availability: Free, Available for download, Freely available

Resource Name: Jupyter Notebook

Resource ID: SCR_018315

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260731T043028+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

Usage and Citation Metrics

We found 310 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Zhang H, et al. (2026) PupEyes: An interactive Python library for eye movement data processing. Behavior research methods, 58(1), 29.

MohanRajan SN, et al. (2025) ALST-W integrated index for enhanced surface temperature mapping of water bodies and vegetation using Landsat 8/9 satellite bands. Scientific reports, 15(1), 24667.

Gaertner Z, et al. (2025) Molecular and spatial transcriptomic classification of midbrain dopamine neurons and their alterations in a LRRK2G2019S model of Parkinson's disease. eLife, 13.

Mahmud J, et al. (2025) Cytomegalovirus disrupts Lamin A/C to control microtubule-mediated nuclear movement and cell migration. Proceedings of the National Academy of Sciences of the United States of America, 122(48), e2507831122.

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

Kasnesis P, et al. (2025) A Knee Rehabilitation Exercises Dataset for Postural Assessment using Wearable Devices. Scientific data, 12(1), 610.

Gustafsson OJR, et al. (2025) WorkflowHub: a registry for computational workflows. Scientific data, 12(1), 837.

Hassan Ali A, et al. (2025) RxTrends: An R-based Shiny Application for Visualising Open Data on Prescribed Medications in Ireland. HRB open research, 8, 36.

Kong F, et al. (2025) Implementation of convolutional neural networks for microbial colony recognition. Microbiology spectrum, 13(9), e0288524.

Setlhare TC, et al. (2025) Determination of lung cancer exhaled breath biomarkers using machine learning-a new analysis framework. Scientific reports, 15(1), 26085.

Torres T, et al. (2025) Unraveling Early Onset Disparities and Determinants: An Analysis of Colorectal Cancer Outcomes and Trends in Texas. Cureus, 17(4), e83124.

Idkowiak J, et al. (2025) Best practices and tools in R and Python for statistical processing and visualization of lipidomics and metabolomics data. Nature communications, 16(1), 8714.

Djeghmoum Y, et al. (2025) Donor transcription suppresses D-loops in cis and promotes genome stability. The EMBO journal, 44(19), 5595.

Zhou Y, et al. (2025) Hormetic nutrient stress promotes longevity by orchestrating histone acetylation on key lipid catabolism and antioxidant defense genes. *bioRxiv : the preprint server for biology*.

Klivinyi C, et al. (2025) Time-weighted mean arterial pressure and pump flow during cardiopulmonary bypass in adults and its effects on neurological outcome parameters: a retrospective study protocol. *BMJ open*, 15(12), e105319.

Ouadah Y, et al. (2025) Evolutionary basis of intermale sexual behavior by multiple pheromone switches in *Drosophila*. *bioRxiv : the preprint server for biology*.

Chung DC, et al. (2025) CD103⁺CD56⁺ ILCs Are Associated with an Altered CD8⁺ T-cell Profile within the Tumor Microenvironment. *Cancer immunology research*, 13(4), 527.

Madsen RR, et al. (2025) Oncogenic PIK3CA corrupts growth factor signaling specificity. *Molecular systems biology*, 21(2), 126.

Kashani A, et al. (2025) Assessing groundwater drought in Iran using GRACE data and machine learning. *Scientific reports*, 15(1), 14671.

Gozdas E, et al. (2025) Protocol to predict time perception bias from cortical neurite microstructures in healthy older adults. *STAR protocols*, 6(2), 103756.