Resource Summary Report

Generated by RRID on Aug 4, 2026

DataJoint

RRID:SCR_014543
Type: Tool

Proper Citation

DataJoint (RRID:SCR_014543)

Resource Information

URL: https://datajoint.org/

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Description: MATLAB and Python 3 high-level programming interface for MySQL databases to support data processing chains in science labs. Specifically designed to provide robust and intuitive data model for scientific data processing chains.Used for scientific data pipelines and workflow management.

Synonyms: DataJoint: Data management for science labs

Resource Type: data management software, software resource, software application

Defining Citation: DOI:10.1101/031658

Keywords: programming interface, mysql, data processing chain, data model, MATLAB, Python, workflow management

Funding: NIH U24 NS116470

Availability: Free, Freely available

Resource Name: DataJoint

Resource ID: SCR_014543

License: LGPL License

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260804T043531+0000

Ratings and Alerts

No rating or validation information has been found for DataJoint.

No alerts have been found for DataJoint.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Dyszkant N, et al. (2025) Photoreceptor degeneration has heterogeneous effects on functional retinal ganglion cell types. The Journal of physiology, 603(21), 6599.

Oesterle J, et al. (2025) Task-specific regional circuit adaptations in distinct mouse retinal ganglion cells. Science advances, 11(17), eadp7075.

Heiser H, et al. (2025) Brain-wide microstrokes affect the stability of memory circuits in the hippocampus. Nature communications, 16(1), 3462.

Schmors L, et al. (2025) Effects of corticothalamic feedback depend on visual responsiveness and stimulus type. iScience, 28(6), 112481.

Ding Z, et al. (2025) Functional connectomics reveals general wiring rule in mouse visual cortex. Nature, 640(8058), 459.

Diamanti EM, et al. (2025) Working memory expands shared task representations in cortex. bioRxiv : the preprint server for biology.

Sutlief E, et al. (2025) Reward-reset interval timing drives patch foraging decisions through neural state transitions in dorsomedial striatum. bioRxiv : the preprint server for biology.

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

Fu J, et al. (2024) Heterogeneous orientation tuning in the primary visual cortex of mice diverges from Gabor-like receptive fields in primates. Cell reports, 43(8), 114639.

Lee KH, et al. (2024) Spyglass: a framework for reproducible and shareable neuroscience research. bioRxiv : the preprint server for biology.

Mosberger AC, et al. (2024) Exploration biases forelimb reaching strategies. Cell reports, 43(4), 113958.

Guidera JA, et al. (2024) Regional specialization manifests in the reliability of neural population codes. bioRxiv : the preprint server for biology.

Reimer ML, et al. (2024) A FAIR, open-source virtual reality platform for dendritic spine analysis. Patterns (New York, N.Y.), 5(9), 101041.

Obenhaus HA, et al. (2022) Functional network topography of the medial entorhinal cortex. Proceedings of the National Academy of Sciences of the United States of America, 119(7).

Pettit NL, et al. (2022) Fos ensembles encode and shape stable spatial maps in the hippocampus. Nature, 609(7926), 327.

Claudi F, et al. (2022) Innate heuristics and fast learning support escape route selection in mice. Current biology : CB, 32(13), 2980.

Spacek MA, et al. (2022) Robust effects of corticothalamic feedback and behavioral state on movie responses in mouse dLGN. eLife, 11.

, et al. (2021) Standardized and reproducible measurement of decision-making in mice. eLife, 10.

Urai AE, et al. (2021) Citric Acid Water as an Alternative to Water Restriction for High-Yield Mouse Behavior. eNeuro, 8(1).

Kohn JR, et al. (2021) Flexible filtering by neural inputs supports motion computation across states and stimuli. Current biology : CB, 31(23), 5249.