

Resource Summary Report

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Neuroscience Information Framework

RRID:SCR_002894

Type: Tool

Proper Citation

Neuroscience Information Framework (RRID:SCR_002894)

Resource Information

URL: <http://neuinfo.org>

Proper Citation: Neuroscience Information Framework (RRID:SCR_002894)

Description: Framework for identifying, locating, relating, accessing, integrating, and analyzing information from neuroscience research. Users can search for and add neuroscience-related resources at NIF portal and receive an RRID to track and cite resources within scientific manuscripts.

Abbreviations: NIF

Synonyms: neuinfo, NIF, neuinfo.org

Resource Type: data or information resource, data repository, database, portal, service resource, software application, software development tool, software resource, storage service resource, systems interoperability software

Defining Citation: [PMID:18946742](#), [PMID:22434839](#)

Keywords: neuroscience, bioinformatics, data sharing, metadata standard, ontology, resource, registry, literature, grant, service, software, neuinfo, cerebral circulation, neuron, antibody diversity, neuroanatomy, atlas, bio.tools, bio.tools

Funding: NIDA HHSN27120080035C;
NIH Blueprint for Neuroscience Research

Availability: Free, Freely available

Resource Name: Neuroscience Information Framework

Resource ID: SCR_002894

Alternate IDs: nif-0000-25673, OMICS_01190, biotools:neuroscinfframework, r3d100010106

Alternate URLs: <https://www.force11.org/node/4695>,
<https://bio.tools/neuroscinfframework>, <https://doi.org/10.17616/R31P4H>

Record Creation Time: 20220129T080216+0000

Record Last Update: 20260912T195548+0000

Ratings and Alerts

No rating or validation information has been found for Neuroscience Information Framework.

No alerts have been found for Neuroscience Information Framework.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 129 mentions in open access literature.

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

Tanaka SC, et al. (2024) The status of MRI databases across the world focused on psychiatric and neurological disorders. *Psychiatry and clinical neurosciences*, 78(10), 563.

Iyer S, et al. (2024) The BRAIN Initiative data-sharing ecosystem: Characteristics, challenges, benefits, and opportunities. *eLife*, 13.

Kahn RA, et al. (2024) Antibody characterization is critical to enhance reproducibility in biomedical research. *eLife*, 13.

Pierré A, et al. (2024) A Perspective on Neuroscience Data Standardization with Neurodata Without Borders. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(38).

Kleven H, et al. (2023) AtOM, an ontology model to standardize use of brain atlases in tools, workflows, and data infrastructures. *Scientific data*, 10(1), 486.

Sokolowski HM, et al. (2023) The neural correlates of retrieval and procedural strategies in mental arithmetic: A functional neuroimaging meta-analysis. *Human brain mapping*, 44(1), 229.

Gillespie TH, et al. (2022) The Neuron Phenotype Ontology: A FAIR Approach to Proposing and Classifying Neuronal Types. *Neuroinformatics*, 20(3), 793.

Br?ha P, et al. (2022) Workflow for health-related and brain data lifecycle. *Frontiers in digital health*, 4, 1025086.

- Surles-Zeigler MC, et al. (2022) Extending and using anatomical vocabularies in the stimulating peripheral activity to relieve conditions project. *Frontiers in neuroinformatics*, 16, 819198.
- Osanlouy M, et al. (2021) The SPARC DRC: Building a Resource for the Autonomic Nervous System Community. *Frontiers in physiology*, 12, 693735.
- Hsu CN, et al. (2021) Antibody Watch: Text mining antibody specificity from the literature. *PLoS computational biology*, 17(5), e1008967.
- Dockès J, et al. (2020) NeuroQuery, comprehensive meta-analysis of human brain mapping. *eLife*, 9.
- Yuste R, et al. (2020) A community-based transcriptomics classification and nomenclature of neocortical cell types. *Nature neuroscience*, 23(12), 1456.
- Bjerke IE, et al. (2020) Database of literature derived cellular measurements from the murine basal ganglia. *Scientific data*, 7(1), 211.
- Ozyurt IB, et al. (2018) Foundry: a message-oriented, horizontally scalable ETL system for scientific data integration and enhancement. *Database : the journal of biological databases and curation*, 2018.
- Cenek M, et al. (2018) Survey of Image Processing Techniques for Brain Pathology Diagnosis: Challenges and Opportunities. *Frontiers in robotics and AI*, 5, 120.
- Bandrowski A, et al. (2016) The Resource Identification Initiative: A Cultural Shift in Publishing. *The Journal of comparative neurology*, 524(1), 8.
- Kogan A, et al. (2016) Northwestern University schizophrenia data sharing for SchizConnect: A longitudinal dataset for large-scale integration. *NeuroImage*, 124(Pt B), 1196.
- Wiener M, et al. (2016) Enabling an Open Data Ecosystem for the Neurosciences. *Neuron*, 92(3), 617.
- Marenco L, et al. (2016) ORDB, HORDE, ODORactor and other on-line knowledge resources of olfactory receptor-odorant interactions. *Database : the journal of biological databases and curation*, 2016.