

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

**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:** NIH Blueprint for Neuroscience Research ;  
NIDA HHSN27120080035C

**Availability:** Free, Freely available

**Resource Name:** Neuroscience Information Framework

**Resource ID:** SCR\_002894

**Alternate IDs:** nif-0000-25673, OMICS\_01190, biotools:neuroscinfframework

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

**Record Creation Time:** 20220129T080216+0000

**Record Last Update:** 20250426T055602+0000

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## Ratings and Alerts

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

No alerts have been found for Neuroscience Information Framework.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 128 mentions in open access literature.

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

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.

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.

Yuste R, et al. (2020) A community-based transcriptomics classification and nomenclature of neocortical cell types. *Nature neuroscience*, 23(12), 1456.

Dockès J, et al. (2020) NeuroQuery, comprehensive meta-analysis of human brain mapping. *eLife*, 9.

Bjerke IE, et al. (2020) Database of literature derived cellular measurements from the murine basal ganglia. *Scientific data*, 7(1), 211.

Bubier JA, et al. (2020) Discovery of a Role for Rab3b in Habituation and Cocaine Induced Locomotor Activation in Mice Using Heterogeneous Functional Genomic Analysis. *Frontiers in neuroscience*, 14, 721.

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.

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.

Wiener M, et al. (2016) Enabling an Open Data Ecosystem for the Neurosciences. *Neuron*, 92(3), 617.

Kogan A, et al. (2016) Northwestern University schizophrenia data sharing for SchizConnect: A longitudinal dataset for large-scale integration. *NeuroImage*, 124(Pt B), 1196.

Takemiya M, et al. (2016) BrainLiner: A Neuroinformatics Platform for Sharing Time-Aligned Brain-Behavior Data. *Frontiers in neuroinformatics*, 10, 3.