

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: systems interoperability software, data or information resource, storage service resource, software development tool, database, software resource, service resource, portal, data repository, 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: 20250425T055308+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 128 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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.

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.

Bourgeron T, et al. (2016) The genetics and neurobiology of ESSENCE: The third Birgit Olsson lecture. *Nordic journal of psychiatry*, 70(1), 1.