

Resource Summary Report

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DeepNeuro

RRID:SCR_016911

Type: Tool

Proper Citation

DeepNeuro (RRID:SCR_016911)

Resource Information

URL: <https://github.com/QTIM-Lab/DeepNeuro>

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Description: Software Python package for neuroimaging data. Framework to design and train neural network architectures. Used in medical imaging community to ensure consistent performance of networks across variable users, institutions, and scanners.

Resource Type: software resource, software toolkit

Defining Citation: [PMID:32578020](#)

Keywords: Design and train neural network architectures, medical imaging, neuroimaging data, neuroimaging

Funding: NCI U01 CA154601;
NCI U24 CA180918;
NCI U24 CA180927;
NIBIB P41 EB015896;
NIBIB T32 EB1680;
NIBI ;
NIDA R90 DA023427;
NIDA T90 DA022759;
NIH Blueprint for Neuroscience Research

Availability: Free, Available for download, Freely available

Resource Name: DeepNeuro

Resource ID: SCR_016911

License: MIT License

Record Creation Time: 20220129T080332+0000

Ratings and Alerts

No rating or validation information has been found for DeepNeuro.

No alerts have been found for DeepNeuro.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Beers A, et al. (2021) DeepNeuro: an open-source deep learning toolbox for neuroimaging. Neuroinformatics, 19(1), 127.

Chang K, et al. (2019) Automatic assessment of glioma burden: a deep learning algorithm for fully automated volumetric and bidimensional measurement. Neuro-oncology, 21(11), 1412.