

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

Nighres

RRID:SCR_016287

Type: Tool

Proper Citation

Nighres (RRID:SCR_016287)

Resource Information

URL: <https://github.com/nighres/nighres>

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Description: Software package for processing of high-resolution neuroimaging data. Nighres is a community-developed project that aims to make neuroscience data tools easier to install, use and extend.

Synonyms: nighres

Resource Type: software application, software toolkit, software resource, data processing software, image analysis software

Keywords: neuroimaging, python, high-resolution, MRI, ultra-high, field, laminar, brain

Availability: Free, Available for download, Runs on Linux

Resource Name: Nighres

Resource ID: SCR_016287

Alternate URLs: <http://nighres.readthedocs.io/en/latest/>

Old URLs: https://github.com/juhuntenburg/laminar_python

License: Apache-2.0 License

Record Creation Time: 20220129T080329+0000

Record Last Update: 20260729T044416+0000

Ratings and Alerts

No rating or validation information has been found for Nighres.

No alerts have been found for Nighres.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Straub S, et al. (2022) A novel gradient echo data based vein segmentation algorithm and its application for the detection of regional cerebral differences in venous susceptibility. NeuroImage, 250, 118931.

Bazin PL, et al. (2020) Multi-contrast anatomical subcortical structures parcellation. eLife, 9.

Huntenburg JM, et al. (2018) Nighres: processing tools for high-resolution neuroimaging. GigaScience, 7(7).