

Resource Summary Report

Generated by RRID on May 14, 2025

Py3DN

RRID:SCR_014511

Type: Tool

Proper Citation

Py3DN (RRID:SCR_014511)

Resource Information

URL: <https://sourceforge.net/projects/py3dn/>

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Description: A set of software tools used for morphometric analysis and visualization of the 3D structure of neurons. Py3DN works exclusively with data collected with the commercial system Neurolucida.

Resource Type: software application, 3d visualization software, data visualization software, data analysis software, data processing software, software resource

Defining Citation: [DOI:10.1007/s12021-013-9188-z](https://doi.org/10.1007/s12021-013-9188-z)

Keywords: morphometric analysis, morphometry, data visualization, 3d, neuron, neuronal structure

Funding:

Availability: Open source, Available for download

Resource Name: Py3DN

Resource ID: SCR_014511

License: GNU General Public License version 3.0

Record Creation Time: 20220129T080320+0000

Record Last Update: 20250514T061650+0000

Ratings and Alerts

No rating or validation information has been found for Py3DN.

No alerts have been found for Py3DN.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Conde-Sousa E, et al. (2017) N3DFix: an Algorithm for Automatic Removal of Swelling Artifacts in Neuronal Reconstructions. Neuroinformatics, 15(1), 5.