

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 13, 2026

SynapseLocator

RRID:SCR_017263

Type: Tool

Proper Citation

SynapseLocator (RRID:SCR_017263)

Resource Information

URL: <https://github.com/drchrisch/SynapseLocator>

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Description: Software tool that combines steps of image processing, non rigid image registration, and spot localisation. Performs registration of 3D imaging data and localization of spots, active synapses in light microscopy images, in semi automatic mode with graphical user interface.

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

Defining Citation: [DOI:https://doi.org/10.1101/538041](https://doi.org/10.1101/538041)

Keywords: image, processing, registration, spot, localisation, 3D, data, active, synapses, microscopy

Availability: Free, Available for download, Freely available

Resource Name: SynapseLocator

Resource ID: SCR_017263

License: GNU GPL v3

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260912T195850+0000

Ratings and Alerts

No rating or validation information has been found for SynapseLocator.

No alerts have been found for SynapseLocator.

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 [SPARC SAWG](#) .

Perez-Alvarez A, et al. (2020) Freeze-frame imaging of synaptic activity using SynTagMA. Nature communications, 11(1), 2464.