

Resource Summary Report

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Neurofitter

RRID:SCR_005843

Type: Tool

Proper Citation

Neurofitter (RRID:SCR_005843)

Resource Information

URL: <http://neurofitter.sourceforge.net>

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Description: Neurofitter is software for parameter tuning of electrophysiological neuron models. It automatically searches for sets of parameters of neuron models that best fit available experimental data, and therefore acts as an interface between neuron simulators, like Neuron or Genesis, and optimization algorithms, like Particle Swarm Optimization, Evolutionary Strategies, etc.

Abbreviations: Neurofitter

Resource Type: software resource, source code

Defining Citation: [PMID:18974796](#)

Keywords: neuron, parameter, tuning, electrophysiology, model, neuron simulator, neuron model

Funding: Okinawa Institute of Science and Technology

Availability: GNU General Public License, v2

Resource Name: Neurofitter

Resource ID: SCR_005843

Alternate IDs: nlx_149366

Record Creation Time: 20220129T080232+0000

Record Last Update: 20260905T133326+0000

Ratings and Alerts

No rating or validation information has been found for Neurofitter.

No alerts have been found for Neurofitter.

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 [Kravitz](#) .

Van Geit W, et al. (2007) Neurofitter: a parameter tuning package for a wide range of electrophysiological neuron models. Frontiers in neuroinformatics, 1, 1.