

# Resource Summary Report

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

## CNrun

RRID:SCR\_014761

Type: Tool

### Proper Citation

CNrun (RRID:SCR\_014761)

### Resource Information

**URL:** <http://johnhommer.com/academic/code/cnrun/>

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**Description:** Neuronal network model simulator for both individual neurons and networks of neurons. It uses NeuroML for network description. Various neuron and synapse model types are supported. CNN features include: an integration cycle which uses a Runge–Kutta 6-5-order method, extensive scripting capabilities, individual unit state introspection from scripts, and neuroplastic processes identified by label or regexp.

**Resource Type:** software application, standalone software, source code, software resource, simulation software

**Keywords:** neuron, synapse, neural network, model, simulator, simulation software, source code, standalone software

**Availability:** Available for download

**Resource Name:** CNrun

**Resource ID:** SCR\_014761

**Alternate URLs:** <https://sourceforge.net/projects/cnrun/>

**License:** GNU General Public License version 2.0

**Record Creation Time:** 20220129T080322+0000

**Record Last Update:** 20260729T044332+0000

### Ratings and Alerts

No rating or validation information has been found for CNrun.

No alerts have been found for CNrun.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Parekh R, et al. (2013) Neuronal morphology goes digital: a research hub for cellular and system neuroscience. Neuron, 77(6), 1017.