

Resource Summary Report

Generated by ASWG on Aug 4, 2026

PetaVision

RRID:SCR_017451

Type: Tool

Proper Citation

PetaVision (RRID:SCR_017451)

Resource Information

URL: <https://github.com/PetaVision/OpenPV>

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Description: Open source software neural simulation toolbox. C++ library for designing and deploying large scale neurally inspired computational models. Object oriented neural simulation toolbox optimized for high performance multi core, multi node computer architectures.

Abbreviations: OpenPV

Resource Type: simulation software, software resource, software application

Keywords: Neural, simulation, computational, model, object, oriented, BRAIN Initiative

Funding: NSF 1734980

Availability: Free, Available for download, Freely available

Resource Name: PetaVision

Resource ID: SCR_017451

Alternate URLs: <http://petavision.github.io/>

License: Eclipse Public License

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260803T040741+0000

Ratings and Alerts

No rating or validation information has been found for PetaVision.

No alerts have been found for PetaVision.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.