Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

VIGRA

RRID:SCR_024100
Type: Tool

Proper Citation

VIGRA (RRID:SCR_024100)

Resource Information

URL: https://ukoethe.github.io/vigra/

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Description: Software image processing and analysis library that puts its main emphasis on customizable algorithms and data structures. VIGRA is especially strong for multi-dimensional images. By using template techniques similar to those in the C++ Standard Template Library, you can easily adapt any VIGRA component to the needs of your application, without thereby giving up execution speed. As of version 1.7.1, VIGRA also provides extensive Python bindings on the basis of the popular numpy framework.

Synonyms: , The VIGRA Computer Vision Library, Vision with Generic Algorithms, libvigraimpex

Resource Type: , data processing software, image analysis software, image processing software, software application, software library, software resource, software toolkit

Keywords: image processing and analysis library, customizable algorithms and data structures, multi-dimensional image,

Availability: Free, Available for download, Freely available,

Resource Name: VIGRA

Resource ID: SCR_024100

Alternate URLs: https://sources.debian.org/src/libvigraimpex/

License: MIT License

Record Creation Time: 20230824T050212+0000

Record Last Update: 20260905T133029+0000

Ratings and Alerts

No rating or validation information has been found for VIGRA.

No alerts have been found for VIGRA.

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 PRECISE-TBI .

Korsten G, et al. (2024) Nuclear poly-glutamine aggregates rupture the nuclear envelope and hinder its repair. The Journal of cell biology, 223(11).