

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

[pyRayleighCuda](#)

RRID:SCR_017453

Type: Tool

Proper Citation

pyRayleighCuda (RRID:SCR_017453)

Resource Information

URL: <https://github.com/vlchaplin/pyRayleighCuda>

Proper Citation: pyRayleighCuda (RRID:SCR_017453)

Description: Python Rayleigh-Sommerfeld integral for acoustics with optional CUDA graphics processing unit (GPU) implementation.

Resource Type: software resource, software application

Keywords: Rayleigh-Sommerfeld, integral, acoustics, CUDA, graphics, processing, unit, BRAIN Initiative

Funding: NIMH MH109105

Availability: Free, Freely available

Resource Name: pyRayleighCuda

Resource ID: SCR_017453

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260801T191101+0000

Ratings and Alerts

No rating or validation information has been found for pyRayleighCuda.

No alerts have been found for pyRayleighCuda.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.