

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

## [pyRayleighCuda](#)

RRID:SCR\_017453

Type: Tool

### Proper Citation

pyRayleighCuda (RRID:SCR\_017453)

### Resource Information

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

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**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:** 20260808T190517+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.