

# Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

## Scupa

RRID:SCR\_025755

Type: Tool

### Proper Citation

Scupa (RRID:SCR\_025755)

### Resource Information

**URL:** <https://github.com/bsml320/Scupa/>

**Proper Citation:** Scupa (RRID:SCR\_025755)

**Description:** Software R package for immune cell polarization assessment of scRNA-seq data. Single-cell unified polarization assessment of immune cells using single-cell foundation model. Used for comprehensive immune cell polarization analysis.

**Abbreviations:** Scupa

**Synonyms:** Single-Cell Unified Polarization Assessment

**Resource Type:** software resource, software application, source code, data analysis software, data processing software

**Defining Citation:** [PMID:39229048](#)

**Keywords:** immune cell polarization analysis, immune cell polarization assessment, scRNA-seq data,

**Funding:** Cancer Prevention and Research Institute of Texas ;  
NLM R01LM012806;  
NIA U01AG079847;  
NIA R01CA276513

**Availability:** Free, Available for download, Freely available

**Resource Name:** Scupa

**Resource ID:** SCR\_025755

**License:** MIT license

**Record Creation Time:** 20240920T053257+0000

## Ratings and Alerts

No rating or validation information has been found for Scupa.

No alerts have been found for Scupa.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Liu W, et al. (2025) Scupa: single-cell unified polarization assessment of immune cells using the single-cell foundation model. Bioinformatics (Oxford, England), 41(3).

Liu W, et al. (2024) Scupa: Single-cell unified polarization assessment of immune cells using the single-cell foundation model. bioRxiv : the preprint server for biology.