

# Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

## [LIANA+](#)

RRID:SCR\_027830

Type: Tool

### Proper Citation

LIANA+ (RRID:SCR\_027830)

### Resource Information

**URL:** <https://liana-py.readthedocs.io/en/latest/>

**Proper Citation:** LIANA+ (RRID:SCR\_027830)

**Description:** Software framework that adapts and extends existing methods and knowledge to study cell-cell communication in single-cell, spatially-resolved, and multi-modal omics data. All-in-one framework for cell-cell communication inference.

**Resource Type:** source code, software application, software resource

**Defining Citation:** [PMID:39223377](#)

**Keywords:** framework for cell-cell communication, cell-cell communication inference,

**Funding:** European Union's Horizon 2020

**Resource Name:** LIANA+

**Resource ID:** SCR\_027830

**Alternate URLs:** <https://github.com/saezlab/liana-py>

**License:** BSD-3-Clause

**Record Creation Time:** 20251220T054508+0000

**Record Last Update:** 20260815T183311+0000

### Ratings and Alerts

No rating or validation information has been found for LIANA+.

No alerts have been found for LIANA+.

## Data and Source Information

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

## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Díaz-Campos MÁ, et al. (2026) Single-Cell Transcriptomic Profiling Reveals Immunometabolic Reprogramming and Cell-Cell Communication in the Tumor Microenvironment of Human Hepatocellular Carcinoma. International journal of molecular sciences, 27(12).

Honda A, et al. (2025) CD206+ macrophages facilitate wound healing through interactions with Gpnbhi fibroblasts. EMBO reports, 26(14), 3679.

Dai Q, et al. (2023) STACCato: Supervised Tensor Analysis tool for studying Cell-cell Communication using scRNA-seq data across multiple samples and conditions. bioRxiv : the preprint server for biology.