

Resource Summary Report

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

[JaCoP](#)

RRID:SCR_025164

Type: Tool

Proper Citation

JaCoP (RRID:SCR_025164)

Resource Information

URL: <https://imagej.net/plugins/jacop>

Proper Citation: JaCoP (RRID:SCR_025164)

Description: Software toolbox as plugin for ImageJ that supports colocalization analysis in light microscopy. Used for subcellular colocalization analysis under ImageJ that integrates current global statistic methods and novel object-based approach.

Abbreviations: JaCoP

Synonyms: Just Another Colocalization Plugin

Resource Type: software resource, software toolkit, source code

Defining Citation: [PMID:17210054](#)

Keywords: ImageJ, subcellular colocalization analysis, colocalization analysis,

Availability: Free, Available for download, Freely available

Resource Name: JaCoP

Resource ID: SCR_025164

License: LGPLv3

Record Creation Time: 20240402T053242+0000

Record Last Update: 20260808T190711+0000

Ratings and Alerts

No rating or validation information has been found for JaCoP.

No alerts have been found for JaCoP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Karim MR, et al. (2026) Internalized SNCA/??-synuclein fibrils become truncated and resist degradation in neurons while glial cells rapidly degrade SNCA fibrils. Autophagy, 22(1), 102.

Anh DXT, et al. (2026) GlycoChat Uncovers Glycan-Lectin Circuits in the Tumor Microenvironment of Pancreatic Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(14), e14735.

Jenkinson NM, et al. (2026) Functional effects of EpCAM N-glycosylation in MDA-MB-468 breast cancer cells. Scientific reports, 16(1).

Vadisiute A, et al. (2026) Deletion of Snap25 disrupts glial remodeling in aging mouse brain. iScience, 29(7), 116478.

Faseela EE, et al. (2026) CTCF/cohesin-binding sites are susceptible to replication-associated DNA damage and genomic instability in cancer cells. iScience, 29(2), 114646.

Shah RB, et al. (2026) PARP4 ADP-ribosylates PIDD1 to complete a phospho/SUMO/PAR-ylation cascade that orchestrates PIDDosome assembly. Science advances, 12(18), eadz9284.

Hatta D, et al. (2026) Proline-Rich Transmembrane Protein 2 Is Variably Expressed Across Excitatory and Inhibitory Neurons in Mouse Motor Circuits. The Journal of comparative neurology, 534(6), e70176.

Li D, et al. (2026) Cathepsin-dependent amyloid formation drives mechanical rupture of lysosomal membranes. bioRxiv : the preprint server for biology.

Talty CE, et al. (2026) Evaluating Chronic Sex-Specific Changes in Glutamatergic Signaling Markers Following Traumatic Brain Injury. International journal of molecular sciences, 27(6).

Gatto RG, et al. (2026) Uptake of tau-PET and neuropathological and autoradiographic findings from a globular glial tauopathy case series. Alzheimer's & dementia (New York, N. Y.), 12(1), e70225.

Uprety A, et al. (2026) SETD2 Deficiency Drives Mitochondrial DNA Leakage and Creates a Druggable Dependency on BCL-xL in Clear Cell Renal Cell Carcinoma. Cancer research, 86(15), 3838.

Rose K, et al. (2025) In situ cryo-ET visualization of mitochondrial depolarization and mitophagic engulfment. *Proceedings of the National Academy of Sciences of the United States of America*, 122(31), e2511890122.

Zhou F, et al. (2025) Mechanical confinement induces ferroptosis through mitochondrial dysfunction. *Nature communications*, 16(1), 11717.

Ott DP, et al. (2025) Coordination between ESCRT function and Rab conversion during endosome maturation. *The EMBO journal*, 44(6), 1574.

Rose K, et al. (2025) In situ cryo-ET visualization of mitochondrial depolarization and mitophagic engulfment. *bioRxiv : the preprint server for biology*.

Gonzalez-Lozano MA, et al. (2025) EndoMAP.v1 charts the structural landscape of human early endosome complexes. *Nature*, 643(8070), 252.

Namboodiri SK, et al. (2025) Relative Distribution of DnaA and DNA in Escherichia coli Cells as a Factor of Their Phenotypic Variability. *International journal of molecular sciences*, 26(2).

Metwally S, et al. (2025) Structural and Mechanical Characterization of Collagen-Hyaluronan Hydrogels Used to Study Cancer Cell Invasion through the Bladder Wall. *ACS biomaterials science & engineering*, 11(6), 3443.

Sprengel C, et al. (2025) Lysosomal activity in response to the incubation of pristine and functionalized carbon nanodots. *iScience*, 28(1), 111654.

Codino A, et al. (2025) METTL9 sustains vertebrate neural development primarily via non-catalytic functions. *Nature communications*, 16(1), 7051.