

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

JaCoP

RRID:SCR_025164

Type: Tool

Proper Citation

JaCoP (RRID:SCR_025164)

Resource Information

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

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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 toolkit, software resource, 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: 20260731T043205+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 24 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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.

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

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. *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.

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).

Marotta VE, et al. (2025) OTUD6B regulates KIFC1-dependent centrosome clustering and breast cancer cell survival. *EMBO reports*, 26(4), 1003.

Vadisiute A, et al. (2025) Widespread Changes in the Immunoreactivity of Bioactive Peptide T14 After Manipulating the Activity of Cortical Projection Neurons. *International journal of molecular sciences*, 26(12).

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.

Vélez EJ, et al. (2025) Endosomal microautophagy is activated by specific cellular stresses in trout hepatocytes. *Scientific reports*, 15(1), 39347.

Vadisiute A, et al. (2024) Glial cells undergo rapid changes following acute chemogenetic manipulation of cortical layer 5 projection neurons. *Communications biology*, 7(1), 1286.

Kril V, et al. (2024) Alphavirus nsP3 organizes into tubular scaffolds essential for infection and the cytoplasmic granule architecture. *Nature communications*, 15(1), 8106.

Cárdenas-García SP, et al. (2024) The components of an electrical synapse as revealed by expansion microscopy of a single synaptic contact. *eLife*, 13.

Tudorica DA, et al. (2024) A RAB7A phosphoswitch coordinates Rubicon Homology protein regulation of Parkin-dependent mitophagy. *The Journal of cell biology*, 223(7).

Jongsma MLM, et al. (2024) Systems mapping of bidirectional endosomal transport through the crowded cell. *Current biology : CB*, 34(19), 4476.

Kajiho H, et al. (2024) Degradation of STIM1 through FAM134B-mediated ER-phagy is potentially involved in cell proliferation. *The Journal of biological chemistry*, 300(9), 107674.

Shah RB, et al. (2024) Stepwise phosphorylation and SUMOylation of PIDD1 drive PIDDosome assembly in response to DNA repair failure. *Nature communications*, 15(1), 9195.