Resource Summary Report

Generated by <u>dkNET</u> on Apr 30, 2025

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 toolkit, software resource, source code

Defining Citation: PMID:17210054

Keywords: ImageJ, subcellular colocalization analysis, colocalization analysis,

Funding:

Availability: Free, Available for download, Freely available

Resource Name: JaCoP

Resource ID: SCR_025164

License: LGPLv3

Record Creation Time: 20240402T053242+0000

Record Last Update: 20250430T060418+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 13 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

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).

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

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.

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

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

Talaia G, et al. (2024) Lysosomal TBK1 responds to amino acid availability to relieve Rab7dependent mTORC1 inhibition. The EMBO journal, 43(18), 3948.

Hao S, et al. (2024) YAP condensates are highly organized hubs. iScience, 27(6), 109927.

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

Brighton PJ, et al. (2024) Spatial-temporal regulation of the prostanoid receptor EP2 coordinates PGE2-mediated cAMP signaling in decidualizing human endometrium. iScience, 27(11), 111170.

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

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.

Satta A, et al. (2019) A Bispecific Antibody to Link a TRAIL-Based Antitumor Approach to Immunotherapy. Frontiers in immunology, 10, 2514.