Resource Summary Report

Generated by dkNET on May 19, 2025

MultiStackReg

RRID:SCR_016098
Type: Tool

Proper Citation

MultiStackReg (RRID:SCR_016098)

Resource Information

URL: http://bradbusse.net/sciencedownloads.html

Proper Citation: MultiStackReg (RRID:SCR_016098)

Description: Software plug-in for ImageJ that was developed for registering 3D volumes of images.

Resource Type: software resource, software application, data processing software, image processing software

Keywords: 3d, volume, image, register, registration, method, alignment, plug-in, imagej, stackreg

Funding:

Availability: Free, Available for download

Resource Name: MultiStackReg

Resource ID: SCR_016098

Record Creation Time: 20220129T080328+0000

Record Last Update: 20250517T060237+0000

Ratings and Alerts

No rating or validation information has been found for MultiStackReg.

No alerts have been found for MultiStackReg.

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 dkNET.

Dyankova-Danovska T, et al. (2025) In and out of Replication Stress: PCNA/RPA1-Based Dynamics of Fork Stalling and Restart in the Same Cell. International journal of molecular sciences, 26(2).

Li J, et al. (2024) Nuclear F-actin assembly on damaged chromatin is regulated by DYRK1A and Spir1 phosphorylation. Nucleic acids research, 52(15), 8897.

Lalun VO, et al. (2024) A dual function of the IDA peptide in regulating cell separation and modulating plant immunity at the molecular level. eLife, 12.

Ponvert N, et al. (2024) Synergid cell calcium oscillations refine understanding of FERONIA/LORELEI signaling during interspecific hybridization. Plant reproduction, 37(1), 57.

Hoermayer L, et al. (2024) Mechanical forces in plant tissue matrix orient cell divisions via microtubule stabilization. Developmental cell, 59(10), 1333.

Ferreras S, et al. (2023) A synthetic organelle approach to probe SNARE-mediated membrane fusion in a bacterial host. The Journal of biological chemistry, 299(3), 102974.

Vizjak P, et al. (2023) ISWI catalyzes nucleosome sliding in condensed nucleosome arrays. bioRxiv : the preprint server for biology.

Kesten C, et al. (2022) Peripheral membrane proteins modulate stress tolerance by safeguarding cellulose synthases. Science advances, 8(46), eabq6971.

Stehle D, et al. (2022) Novel soluble guanylyl cyclase activators increase glomerular cGMP, induce vasodilation and improve blood flow in the murine kidney. British journal of pharmacology, 179(11), 2476.

Tian B, et al. (2022) Cryogenic superresolution correlative light and electron microscopy of vitreous sections. Biophysics reports, 8(4), 193.

Hübner B, et al. (2022) Ultrastructure and nuclear architecture of telomeric chromatin revealed by correlative light and electron microscopy. Nucleic acids research, 50(9), 5047.

Kellner V, et al. (2021) Dual metabotropic glutamate receptor signaling enables coordination of astrocyte and neuron activity in developing sensory domains. Neuron, 109(16), 2545.

Fiederling F, et al. (2021) SpineRacks and SpinalJ for efficient analysis of neurons in a 3D reference atlas of the mouse spinal cord. STAR protocols, 2(4), 100897.

Zoupi L, et al. (2021) Selective vulnerability of inhibitory networks in multiple sclerosis. Acta neuropathologica, 141(3), 415.

Vještica A, et al. (2021) Cell cycle-dependent and independent mating blocks ensure fungal zygote survival and ploidy maintenance. PLoS biology, 19(1), e3001067.

Linghu C, et al. (2020) Spatial Multiplexing of Fluorescent Reporters for Imaging Signaling Network Dynamics. Cell, 183(6), 1682.

Sanchez-Arias JC, et al. (2020) Pannexin 1 Regulates Dendritic Protrusion Dynamics in Immature Cortical Neurons. eNeuro, 7(4).

Babola TA, et al. (2020) Purinergic signaling in cochlear supporting cells reduces hair cell excitability by increasing the extracellular space. eLife, 9.

Kesten C, et al. (2019) Pathogen-induced pH changes regulate the growth-defense balance in plants. The EMBO journal, 38(24), e101822.

Miller EB, et al. (2019) In vivo imaging reveals transient microglia recruitment and functional recovery of photoreceptor signaling after injury. Proceedings of the National Academy of Sciences of the United States of America, 116(33), 16603.