

Resource Summary Report

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BioVoxxel Toolbox

RRID:SCR_015825

Type: Tool

Proper Citation

BioVoxxel Toolbox (RRID:SCR_015825)

Resource Information

URL: <http://www.biovoxxel.de/>

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Description: Software toolkit for analyzing tool for microscopic images. It contains plugins and some macros dealing with image filtering, image segmentation and binary image processing and analysis.

Synonyms: BioVoxxel, BioVoxxel Toolbox (ImageJ/Fiji)

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

Keywords: microscopic image analysis, image filtering, image segmentation, binary processing, binary analysis, particle analysis

Availability: Free, Available for download

Resource Name: BioVoxxel Toolbox

Resource ID: SCR_015825

Alternate URLs: https://imagej.net/BioVoxxel_Toolbox,
https://github.com/biovoxxel/BioVoxxel_Toolbox

License: BSD-3 License

Record Creation Time: 20220129T080327+0000

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Ratings and Alerts

No rating or validation information has been found for BioVoxxel Toolbox.

No alerts have been found for BioVoxxel Toolbox.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Parret L, et al. (2025) Establishing a co-culture aggregate of N-cycle bacteria to elucidate flocculation in biological wastewater treatment. *Applied microbiology and biotechnology*, 109(1), 149.

Jo H, et al. (2025) A fetal oncogene NUA2 is an emerging therapeutic target in glioblastoma. *bioRxiv : the preprint server for biology*.

Roozbahani GM, et al. (2024) Piggybacking functionalized DNA nanostructures into live cell nuclei. *bioRxiv : the preprint server for biology*.

Stansak KL, et al. (2024) PCP Auto Count: A Novel Fiji/ImageJ plug-in for automated quantification of planar cell polarity and cell counting. *bioRxiv : the preprint server for biology*.

Roozbahani GM, et al. (2024) Piggybacking functionalized DNA nanostructures into live-cell nuclei. *Science advances*, 10(27), eadn9423.

Hensel IV, et al. (2024) SLE serum induces altered goblet cell differentiation and leakiness in human intestinal organoids. *EMBO molecular medicine*, 16(3), 547.

Link F, et al. (2024) The actomyosin system is essential for the integrity of the endosomal system in bloodstream form *Trypanosoma brucei*. *eLife*, 13.

Stansak KL, et al. (2024) PCP auto count: a novel Fiji/ImageJ plug-in for automated quantification of planar cell polarity and cell counting. *Frontiers in cell and developmental biology*, 12, 1394031.

De Giorgio E, et al. (2023) A dynamic interplay between chitin synthase and the proteins Expansion/Rebuf reveals that chitin polymerisation and translocation are uncoupled in *Drosophila*. *PLoS biology*, 21(1), e3001978.

Nieto-Rostro M, et al. (2023) Nerve injury increases native Ca V 2.2 trafficking in dorsal root ganglion mechanoreceptors. *Pain*, 164(6), 1264.

G??ttle P, et al. (2023) Teriflunomide as a therapeutic means for myelin repair. *Journal of neuroinflammation*, 20(1), 7.

LaChance J, et al. (2022) Learning the rules of collective cell migration using deep attention networks. PLoS computational biology, 18(4), e1009293.

Truong DJ, et al. (2022) Intron-encoded cistronic transcripts for minimally invasive monitoring of coding and non-coding RNAs. Nature cell biology, 24(11), 1666.

Bakina O, et al. (2022) Microglia form satellites with different neuronal subtypes in the adult murine central nervous system. Journal of neuroscience research, 100(4), 1105.

Gould NL, et al. (2021) Somatostatin Interneurons of the Insula Mediate QR2-Dependent Novel Taste Memory Enhancement. eNeuro, 8(5).

Kim AA, et al. (2021) Wafer-Scale Patterning of Protein Templates for Hydrogel Fabrication. Micromachines, 12(11).

Manousi A, et al. (2021) Identification of novel myelin repair drugs by modulation of oligodendroglial differentiation competence. EBioMedicine, 65, 103276.

Iemura K, et al. (2021) Chromosome oscillation promotes Aurora A-dependent Hec1 phosphorylation and mitotic fidelity. The Journal of cell biology, 220(7).

Horder H, et al. (2021) Bioprinting and Differentiation of Adipose-Derived Stromal Cell Spheroids for a 3D Breast Cancer-Adipose Tissue Model. Cells, 10(4).

Hosseini S, et al. (2020) Type I Interferon Receptor Signaling in Astrocytes Regulates Hippocampal Synaptic Plasticity and Cognitive Function of the Healthy CNS. Cell reports, 31(7), 107666.