Resource Summary Report

Generated by NIF on Apr 29, 2025

Time Series analyzer

RRID:SCR_014269
Type: Tool

Proper Citation

Time Series analyzer (RRID:SCR_014269)

Resource Information

URL: http://rsb.info.nih.gov/ij/plugins/time-series.html

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Description: An ImageJ plugin used for analyzing 2D time-lapse images or stacks. The plugin can be used to add a predefined ROI (Auto ROI) through mouse clicks. After selecting the object to be defined, an ROI is added on the image and in ROI Manager.

Resource Type: data processing software, data analysis software, time-series analysis software, software resource, software application

Keywords: plugin, imagej, 2d, time lapse image, time lapse stack, predefined roi, time series analysis software

Funding:

Availability: Available for download, Free

Resource Name: Time Series analyzer

Resource ID: SCR_014269

Record Creation Time: 20220129T080319+0000

Record Last Update: 20250429T055633+0000

Ratings and Alerts

No rating or validation information has been found for Time Series analyzer.

No alerts have been found for Time Series analyzer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Durrieu L, et al. (2024) Protocol for FRAP-based estimation of nuclear import and export rates in single yeast cells. STAR protocols, 5(1), 102876.

Durrieu L, et al. (2023) Characterization of cell-to-cell variation in nuclear transport rates and identification of its sources. iScience, 26(1), 105906.

Osman V, et al. (2023) Isoflurane Alters Presynaptic Endoplasmic Reticulum Calcium Dynamics in Wild-Type and Malignant Hyperthermia-Susceptible Rodent Hippocampal Neurons. eNeuro, 10(8).

Aggarwal A, et al. (2023) Glutamate indicators with improved activation kinetics and localization for imaging synaptic transmission. Nature methods, 20(6), 925.

Han S, et al. (2023) Modulating and monitoring the functionality of corticostriatal circuits using an electrostimulable microfluidic device. Molecular brain, 16(1), 13.

Guevara-Garcia A, et al. (2022) Integrin-based adhesion compartmentalizes ALK3 of the BMPRII to control cell adhesion and migration. The Journal of cell biology, 221(12).

Panzera LC, et al. (2022) Activity-dependent endoplasmic reticulum Ca2+ uptake depends on Kv2.1-mediated endoplasmic reticulum/plasma membrane junctions to promote synaptic transmission. Proceedings of the National Academy of Sciences of the United States of America, 119(30), e2117135119.

Pilch KS, et al. (2022) Involvement of CaV 2.2 channels and ?2 ?-1 in homeostatic synaptic plasticity in cultured hippocampal neurons. The Journal of physiology, 600(24), 5333.

Imambocus BN, et al. (2022) A neuropeptidergic circuit gates selective escape behavior of Drosophila larvae. Current biology : CB, 32(1), 149.

Jiang ZJ, et al. (2021) TRPM7 is critical for short-term synaptic depression by regulating synaptic vesicle endocytosis. eLife, 10.

Ferrante D, et al. (2021) PRRT2 modulates presynaptic Ca2+ influx by interacting with P/Q-type channels. Cell reports, 35(11), 109248.

Füllbrunn N, et al. (2021) Nanoscopic anatomy of dynamic multi-protein complexes at membranes resolved by graphene-induced energy transfer. eLife, 10.

Levin-Kravets O, et al. (2021) Split Chloramphenicol Acetyl-Transferase Assay Reveals Self-Ubiquitylation-Dependent Regulation of UBE3B. Journal of molecular biology, 433(23), 167276.

Ferron L, et al. (2020) FMRP regulates presynaptic localization of neuronal voltage gated calcium channels. Neurobiology of disease, 138, 104779.

Cho IH, et al. (2020) The potassium channel subunit Kv?1 serves as a major control point for synaptic facilitation. Proceedings of the National Academy of Sciences of the United States of America, 117(47), 29937.

Chitirala P, et al. (2020) Studying the biology of cytotoxic T lymphocytes in vivo with a fluorescent granzyme B-mTFP knock-in mouse. eLife, 9.

Torturo CL, et al. (2019) Isoflurane Inhibits Dopaminergic Synaptic Vesicle Exocytosis Coupled to CaV2.1 and CaV2.2 in Rat Midbrain Neurons. eNeuro, 6(1).

Ferron L, et al. (2018) Proteolytic maturation of ?2? controls the probability of synaptic vesicular release. eLife, 7.

Sanderson TM, et al. (2018) The Probability of Neurotransmitter Release Governs AMPA Receptor Trafficking via Activity-Dependent Regulation of mGluR1 Surface Expression. Cell reports, 25(13), 3631.

Servián-Morilla E, et al. (2018) Proteolytic Processing of Neurexins by Presenilins Sustains Synaptic Vesicle Release. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(4), 901.