Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 22, 2025

SymPhoTime 64

RRID:SCR_016263
Type: Tool

Proper Citation

SymPhoTime 64 (RRID:SCR_016263)

Resource Information

URL: https://www.picoquant.com/products/category/software

Proper Citation: SymPhoTime 64 (RRID:SCR_016263)

Description: Software for fluorescence lifetime imaging and correlation. SymPhoTime 64 is the data acquisition software for PicoQuant's time-resolved confocal microscope MicroTime 200 and LSM upgrade kits.

Synonyms: SymPhoTime

Resource Type: software resource, image analysis software, image acquisition software, data processing software, data acquisition software, software application, data visualization software

Keywords: fluorescent, imaging, correlation, microscope, companion software, image, analysis, microscopy, image acquisition

Funding:

Availability: Commercially available, Free, Available for download

Resource Name: SymPhoTime 64

Resource ID: SCR_016263

Record Creation Time: 20220129T080329+0000

Record Last Update: 20250422T055924+0000

Ratings and Alerts

No rating or validation information has been found for SymPhoTime 64.

No alerts have been found for SymPhoTime 64.

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 FDI Lab - SciCrunch.org.

Ishikawa T, et al. (2024) Direct observation of cytoskeleton-dependent trafficking of miRNA visualized by the introduction of pre-miRNA. iScience, 27(2), 108811.

Jiang X, et al. (2024) The scale of zebrafish pectoral fin buds is determined by intercellular K+ levels and consequent Ca2+-mediated signaling via retinoic acid regulation of Rcan2 and Kcnk5b. PLoS biology, 22(3), e3002565.

van den Noort M, et al. (2024) The substrate-binding domains of the osmoregulatory ABC importer OpuA transiently interact. eLife, 12.

Nava Lauson CB, et al. (2023) Linoleic acid potentiates CD8+ T cell metabolic fitness and antitumor immunity. Cell metabolism, 35(4), 633.

Murakami A, et al. (2022) Cell-autonomous control of intracellular temperature by unsaturation of phospholipid acyl chains. Cell reports, 38(11), 110487.

Yi C, et al. (2021) A calcineurin-mediated scaling mechanism that controls a K+-leak channel to regulate morphogen and growth factor transcription. eLife, 10.

Paci G, et al. (2020) Molecular determinants of large cargo transport into the nucleus. eLife, 9.

Gawrys-Kopczynska M, et al. (2020) TMAO, a seafood-derived molecule, produces diuresis and reduces mortality in heart failure rats. eLife, 9.

Henneberger C, et al. (2020) LTP Induction Boosts Glutamate Spillover by Driving Withdrawal of Perisynaptic Astroglia. Neuron, 108(5), 919.

Shen Z, et al. (2019) Conformational change within the extracellular domain of B cell receptor in B cell activation upon antigen binding. eLife, 8.

Sallin O, et al. (2018) Semisynthetic biosensors for mapping cellular concentrations of nicotinamide adenine dinucleotides. eLife, 7.

Hoshi Y, et al. (2018) Ischemic Brain Injury Leads to Brain Edema via Hyperthermia-Induced TRPV4 Activation. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(25), 5700.

Nozawa RS, et al. (2017) SAF-A Regulates Interphase Chromosome Structure through Oligomerization with Chromatin-Associated RNAs. Cell, 169(7), 1214.