Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 25, 2025

HCImage

RRID:SCR_015041
Type: Tool

Proper Citation

HCImage (RRID:SCR_015041)

Resource Information

URL: https://hcimage.com/

Proper Citation: HCImage (RRID:SCR_015041)

Description: Image acquisition and analysis software suite for Hamamatsu imaging devices. Hamamatsu Photonics imaging system for microscopy.

Synonyms: HCImage Image Acquisition and Analysis Software

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

Keywords: Hamamatsu Photonics, image analysis system, image acquisition system, microscopy

Funding:

Availability: Restricted

Resource Name: HCImage

Resource ID: SCR_015041

Alternate IDs: SCR_018818

Record Creation Time: 20220129T080323+0000

Record Last Update: 20250425T060041+0000

Ratings and Alerts

No rating or validation information has been found for HCImage.

No alerts have been found for HCImage.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 212 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kimura M, et al. (2025) Intracellular cAMP signaling-induced Ca2+ influx mediated by calcium homeostasis modulator 1 (CALHM1) in human odontoblasts. Pflugers Archiv : European journal of physiology, 477(2), 273.

Brown E, et al. (2024) Spatially organized striatal neuromodulator release encodes trajectory errors. bioRxiv : the preprint server for biology.

Jörgensen SK, et al. (2024) An analogue of the Prolactin Releasing Peptide reduces obesity and promotes adult neurogenesis. EMBO reports, 25(1), 351.

Braham A, et al. (2024) Surface conversion of the dynamics of bacteria escaping chemorepellents. The European physical journal. E, Soft matter, 47(9), 56.

Yildirim-Balatan C, et al. (2024) Parkinson's disease-derived ?-synuclein assemblies combined with chronic-type inflammatory cues promote a neurotoxic microglial phenotype. Journal of neuroinflammation, 21(1), 54.

Sánchez Triviño CA, et al. (2024) Noradrenaline modulates sensory information in mouse vomeronasal sensory neurons. iScience, 27(10), 110872.

Lu M, et al. (2024) Graphene Microelectrode Arrays, 4D Structured Illumination Microscopy, and a Machine Learning Spike Sorting Algorithm Permit the Analysis of Ultrastructural Neuronal Changes During Neuronal Signaling in a Model of Niemann-Pick Disease Type C. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(44), e2402967.

Verdys P, et al. (2024) Ezrin, radixin, and moesin are dispensable for macrophage migration and cellular cortex mechanics. The EMBO journal, 43(21), 4822.

Piña R, et al. (2024) A functional unbalance of TRPM8 and Kv1 channels underlies orofacial cold allodynia induced by peripheral nerve damage. Frontiers in pharmacology, 15, 1484387.

Bouabid S, et al. (2024) Spatially organized striatum-wide acetylcholine dynamics for the learning and extinction of Pavlovian cues and actions. bioRxiv : the preprint server for

biology.

Wood TR, et al. (2024) Distinct molecular profile of the chick organizer as a stem zone during axial elongation. Open biology, 14(7), 240139.

Peng T, et al. (2024) Endurance exercise upregulates mtp expression in aged Drosophila to ameliorate age-related diastolic dysfunction and extend lifespan. Physiological reports, 12(3), e15929.

Bohn L, et al. (2024) The temperature sensor TWA1 is required for thermotolerance in Arabidopsis. Nature, 629(8014), 1126.

Berg A, et al. (2024) Probing actin-activated ATP turnover kinetics of human cardiac myosin II by single molecule fluorescence. Cytoskeleton (Hoboken, N.J.), 81(12), 883.

Koyanagi M, et al. (2024) Development of a 3-dimensional organotypic model with characteristics of peripheral sensory nerves. Cell reports methods, 4(8), 100835.

Messina DN, et al. (2024) Complex alterations in inflammatory pain and analgesic sensitivity in young and ageing female rats: involvement of ASIC3 and Nav1.8 in primary sensory neurons. Inflammation research : official journal of the European Histamine Research Society ... [et al.], 73(4), 669.

Hao YA, et al. (2024) A fast and responsive voltage indicator with enhanced sensitivity for unitary synaptic events. Neuron.

Vu MT, et al. (2024) Targeted micro-fiber arrays for measuring and manipulating localized multi-scale neural dynamics over large, deep brain volumes during behavior. Neuron, 112(6), 909.

Henley T, et al. (2023) Local tissue mechanics control cardiac pacemaker cell embryonic patterning. Life science alliance, 6(6).

Chen HC, et al. (2023) Differentiation, Transcriptomic Profiling, and Calcium Imaging of Human Hypothalamic Neurons. Current protocols, 3(6), e786.