Resource Summary Report

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AutoQuant

RRID:SCR_002465 Type: Tool

Proper Citation

AutoQuant (RRID:SCR_002465)

Resource Information

URL: http://www.mediacy.com/index.aspx?page=AutoQuant

Proper Citation: AutoQuant (RRID:SCR_002465)

Description: Software package of 2D and 3D restoration algorithms. Advanced image deconvolution and 3D visualization software for Life Science Researchers.

Abbreviations: AutoQuant

Synonyms: AutoQuant X3

Resource Type: software resource, software toolkit

Keywords: deconvolution, 3d visualization, 3d, 2d, visualization

Funding:

Availability: Commercially available

Resource Name: AutoQuant

Resource ID: SCR_002465

Alternate IDs: SciRes_000125

Record Creation Time: 20220129T080213+0000

Record Last Update: 20250513T060431+0000

Ratings and Alerts

No rating or validation information has been found for AutoQuant.

No alerts have been found for AutoQuant.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 411 mentions in open access literature.

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

Zhai S, et al. (2025) State-dependent modulation of spiny projection neurons controls levodopa-induced dyskinesia in a mouse model of Parkinson's disease. bioRxiv : the preprint server for biology.

Aydar S, et al. (2024) Diagnostic accuracy of artificial intelligence-enabled vectorcardiography versus myocardial perfusion SPECT in patients with suspected or known coronary heart disease. Nuklearmedizin. Nuclear medicine, 63(3), 213.

Schoonover KE, et al. (2024) Scaling of smaller pyramidal neuron size and lower energy production in schizophrenia. Neurobiology of disease, 191, 106394.

Castro-Mendoza PB, et al. (2024) Proteomic features of gray matter layers and superficial white matter of the rhesus monkey neocortex: comparison of prefrontal area 46 and occipital area 17. Brain structure & function, 229(7), 1495.

Buck SA, et al. (2024) Aging disrupts the coordination between mRNA and protein expression in mouse and human midbrain. bioRxiv : the preprint server for biology.

Zakutansky PM, et al. (2024) Isoform balance of the long noncoding RNA NEAT1 is regulated by the RNA-binding protein QKI, governs the glioma transcriptome, and impacts cell migration. The Journal of biological chemistry, 300(8), 107595.

Kanippayoor RL, et al. (2024) Identification and genetic analysis of a pervasive 'needle-eye' sperm phenotype in Drosophila sterile hybrid males. Proceedings. Biological sciences, 291(2025), 20240483.

Ying Y, et al. (2024) Roles of RNA scaffolding in nanoscale Gag multimerization and selective protein sorting at HIV membranes. Science advances, 10(8), eadk8297.

Yang EJ, et al. (2024) The role of the Toll like receptor 4 signaling in sex-specific persistency of depression-like behavior in response to chronic stress. Brain, behavior, and immunity, 115, 169.

Thome C, et al. (2024) Live imaging of excitable axonal microdomains in ankyrin-G-GFP mice. bioRxiv : the preprint server for biology.

Walters BN, et al. (2024) Longitudinal imaging of the taste bud in vivo with two-photon laser scanning microscopy. PloS one, 19(12), e0309366.

Sun Y, et al. (2024) Chloroplast biogenesis involves spatial coordination of nuclear and organellar gene expression in Chlamydomonas. Plant physiology, 196(1), 112.

Whitaker EE, et al. (2024) Expression of MHC II in DRG neurons attenuates paclitaxelinduced cold hypersensitivity in male and female mice. PloS one, 19(2), e0298396.

Franklin JP, et al. (2024) Investigating cocaine- and abstinence-induced effects on astrocyte gene expression in the nucleus accumbens. bioRxiv : the preprint server for biology.

Prusén Mota I, et al. (2024) Sororin is an evolutionary conserved antagonist of WAPL. Nature communications, 15(1), 4729.

Casler JC, et al. (2024) Mitochondria-ER-PM contacts regulate mitochondrial division and PI(4)P distribution. The Journal of cell biology, 223(9).

Hutchison V, et al. (2024) Inducible tricolor reporter mouse for parallel imaging of lysosomes, mitochondria, and microtubules. The Journal of cell biology, 223(1).

Brenet A, et al. (2024) Microglia Mitigate Neuronal Activation in a Zebrafish Model of Dravet Syndrome. Cells, 13(8).

Schmalstig AA, et al. (2024) Bacteriophage infection and killing of intracellular Mycobacterium abscessus. mBio, 15(1), e0292423.

Farber G, et al. (2024) Direct conversion of cardiac fibroblasts into endothelial-like cells using Sox17 and Erg. Nature communications, 15(1), 4170.