Resource Summary Report

Generated by dkNET on Jul 29, 2026

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 toolkit, software resource

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

Availability: Free, Freely available

Resource Name: AutoQuant

Resource ID: SCR_002465

Alternate IDs: SciRes_000125

License: Commercially available

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260729T044026+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 438 mentions in open access literature.

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

Wang Z, et al. (2026) Point spread function decoupling in computational fluorescence microscopy. Light, science & applications, 15(1), 26.

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.

Mao S, et al. (2025) Spuriously transcribed RNAs from CRISPR-sgRNA expression plasmids scaffold biomolecular condensate formation and hamper accurate genomic imaging. Nucleic acids research, 53(6).

Oldre EN, et al. (2025) Regulation of perisomatic synapses from cholecystokinin basket interneurons through NrCAM and Ankyrin B. Current research in neurobiology, 8, 100150.

Korwin-Mihavics BR, et al. (2025) Organoid-based in vitro system and reporter for the study of Cryptosporidium parvum sexual reproduction. Microbiology spectrum, 13(8), e0050225.

Altieri L, et al. (2025) The localisation and stability of the CENP-F protein are regulated by importin beta and microtubules in mitotic cells. Scientific reports, 15(1), 21125.

Jennings SD, et al. (2025) Effects of Chronic Social Isolation Stress and Alcohol on the Reinforcing Properties of Ketamine in Male and Female Rats. eNeuro, 12(3).

Lan Z, et al. (2025) ATP8A1-translocated endosomal phosphatidylserine fine-tunes the multivesicular body formation and the endo-lysosomal traffic. iScience, 28(3), 111973.

Suzuki M, et al. (2025) Dynamic Remodeling of Mechano-Sensing Complexes in Suspended Fibroblast Cell-Sheets Under External Mechanical Stimulus. Biotechnology and bioengineering, 122(7), 1929.

Sumrall ER, et al. (2025) Surface-Tethering Enhances Precision in Measuring Diffusion Within 3D Protein Condensates. bioRxiv : the preprint server for biology.

Esparza M, et al. (2025) Contrasting interferon-mediated antiviral responses in human lung adenocarcinoma cells. Journal of virology, 99(6), e0046925.

VanRyzin JW, et al. (2025) Reducing astrocyte calcium in the nucleus accumbens core increases reward valuation. bioRxiv : the preprint server for biology.

Zhai S, et al. (2025) State-dependent modulation of spiny projection neurons controls levodopa-induced dyskinesia in a mouse model of Parkinson's disease. Science advances, 11(49), eadv8224.

Thome C, et al. (2025) Live imaging of excitable axonal microdomains in ankyrin-G-GFP mice. eLife, 12.

Denyshchenko V, et al. (2025) CELS-3D-Cutting edge light source for exciting fluorescence in microtome-based 3D microscopy and targeted correlative microscopy. Journal of anatomy, 246(5), 782.

Shi L, et al. (2025) FMRP-dependent translational control negatively regulates adapter protein complex 2-mediated endocytosis. iScience, 28(8), 113062.

Hernandez S, et al. (2025) Self-Organizing Neural Networks in Organoids Reveal Principles of Forebrain Circuit Assembly. bioRxiv : the preprint server for biology.

Lee LR, et al. (2025) A long term time lapse microscopy technique for Arabidopsis roots. Frontiers in plant science, 16, 1601397.

Falk R, et al. (2025) Three lncRNAs promote PUM protein condensation and germline differentiation. Nature communications, 16(1), 8357.

Clarke BP, et al. (2025) Structural mechanism of DDX39B regulation by human TREX-2 and a related complex in mRNP remodeling. Nature communications, 16(1), 5471.