

Resource Summary Report

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uManager

RRID:SCR_000415

Type: Tool

Proper Citation

uManager (RRID:SCR_000415)

Resource Information

URL: <http://micro-manager.org>

Proper Citation: uManager (RRID:SCR_000415)

Description: Software package for control of automated microscopes. Cross-platform desktop application, to control motorized microscopes, scientific cameras, stages, illuminators, and other microscope accessories.

Synonyms: Micro-Manager, Micro Manager

Resource Type: data processing software, software toolkit, software resource, software application, data acquisition software

Keywords: microscopy, plugin, data acquisition, automated microscope control,

Availability: Free, Available for download, Freely available

Resource Name: uManager

Resource ID: SCR_000415

Alternate IDs: SCR_016865, nlx_155812

Alternate URLs: https://micro-manager.org/wiki/Download_Micro-Manager_Latest_Release, <https://sources.debian.org/src/micromanager/>, <http://www.nitrc.org/projects/micromanager>

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Record Creation Time: 20220129T080201+0000

Record Last Update: 20260731T042557+0000

Ratings and Alerts

No rating or validation information has been found for uManager.

No alerts have been found for uManager.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 278 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Feetham CH, et al. (2026) Analog of prolactin-releasing peptide reduces body weight primarily through sustained fatty acid oxidation rather than hypophagia. *Cell metabolism*, 38(1), 100.

Collie MF, et al. (2025) Specialized parallel pathways for adaptive control of visual object pursuit. *bioRxiv : the preprint server for biology*.

Day CR, et al. (2025) Altered cofactor recruitment and nucleosome dynamics underlie bisphenol A's impact on ER α -mediated transcriptional bursting. *iScience*, 28(7), 112864.

Bearss RJ, et al. (2025) Activation of ionotropic and group I metabotropic glutamate receptors stimulates kisspeptin neuron activity in mice. *Journal of neuroendocrinology*, 37(1), e13456.

Martins CS, et al. (2025) Genetically encoded reporters of actin filament organization in living cells and tissues. *Cell*, 188(9), 2540.

Tackenberg MC, et al. (2025) Normal circadian period length requires repression of Npas2 by REV-ERB nuclear receptors. *Cell reports*, 44(10), 116437.

Gama de Barcellos Filho P, et al. (2024) Oxytocin and corticotropin-releasing hormone exaggerate nucleus tractus solitarius neuronal and synaptic activity following chronic intermittent hypoxia. *The Journal of physiology*, 602(14), 3375.

Cheng H, et al. (2024) Phasic/tonic glial GABA differentially transduce for olfactory adaptation and neuronal aging. *Neuron*.

Acreman S, et al. (2024) The endoplasmic reticulum plays a key role in β -cell intracellular Ca²⁺ dynamics and glucose-regulated glucagon secretion in mouse islets. *iScience*, 27(5), 109665.

Recouvreux P, et al. (2024) Transfer of polarity information via diffusion of Wnt ligands in *C. elegans* embryos. *Current biology : CB*, 34(9), 1853.

Laefferenz-Schlogelhofer H, et al. (2024) Bioelectric control of locomotor gaits in the walking ciliate *Euplotes*. *Current biology : CB*, 34(4), 697.

Northey JJ, et al. (2024) Mechanosensitive hormone signaling promotes mammary progenitor expansion and breast cancer risk. *Cell stem cell*, 31(1), 106.

Sokolov R, et al. (2024) Hyaluronidase-induced matrix remodeling contributes to long-term synaptic changes. *Frontiers in neural circuits*, 18, 1441280.

Ho DV, et al. (2024) Post-meiotic mechanism of facultative parthenogenesis in gonochoristic whiptail lizard species. *eLife*, 13.

Wu G, et al. (2024) Opposing GPCR signaling programs protein intake setpoint in *Drosophila*. *Cell*, 187(19), 5376.

Shore AN, et al. (2024) Heterozygous expression of a *Kcnt1* gain-of-function variant has differential effects on somatostatin- and parvalbumin-expressing cortical GABAergic neurons. *eLife*, 13.

Campbell EP, et al. (2023) Electrical signals in the ER are cell type and stimulus specific with extreme spatial compartmentalization in neurons. *Cell reports*, 42(1), 111943.

Dimou E, et al. (2023) Super-resolution imaging unveils the self-replication of tau aggregates upon seeding. *Cell reports*, 42(7), 112725.

Smith LJ, et al. (2023) The GBA variant E326K is associated with alpha-synuclein aggregation and lipid droplet accumulation in human cell lines. *Human molecular genetics*, 32(5), 773.

Jiang ZJ, et al. (2023) The SphK1/S1P Axis Regulates Synaptic Vesicle Endocytosis via TRPC5 Channels. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(21), 3807.