

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 acquisition software, data processing software, software application, software resource, software toolkit

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: 20260829T182025+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 285 mentions in open access literature.

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

Collie MF, et al. (2026) Specialized parallel pathways for adaptive control of visual object pursuit. *Neuron*, 114(10), 1833.

Sindoni M, et al. (2026) Piezo2 tension sensitivity and its modulation by alternative splicing. *bioRxiv : the preprint server for biology*.

Sindoni M, et al. (2026) Piezo2 tension sensitivity and its modulation by alternative splicing. *Cell reports*, 45(6), 117521.

Wherley TJ, et al. (2026) Myomaker and ether lipids cooperate to promote fusion-competent membrane states. *Cell reports*, 45(2), 116900.

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.

Yamada Y, et al. (2026) Hindbrain neurons that underlie water discrimination and consumption. *Current biology : CB*, 36(7), 1787.

Mida B, et al. (2026) A low-level Cdkn1c/p57kip2 expression in spinal progenitors drives the transition from proliferative to neurogenic modes of division. *EMBO reports*, 27(2), 433.

Logan DR, et al. (2026) Glia-released serotonin drives nose touch responses in *Caenorhabditis elegans*. *Cell reports*, 45(6), 117553.

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.

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.

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

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.

Acreman S, et al. (2024) The endoplasmic reticulum plays a key role in β -cell intracellular Ca^{2+} dynamics and glucose-regulated glucagon secretion in mouse islets. *iScience*, 27(5), 109665.

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

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

Laeuffer-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.