

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

Leica: Thunder Imager Live Cell system

RRID:SCR_023794

Type: Tool

Proper Citation

Leica: Thunder Imager Live Cell system (RRID:SCR_023794)

Resource Information

URL: <https://www.leica-microsystems.com/products/thunder-imaging-systems/p/thunder-imager-3d-live-cell/>

Proper Citation: Leica: Thunder Imager Live Cell system (RRID:SCR_023794)

Description: Advanced widefield microscope enabling use of 3D specimens with camera based fluorescence microscopes. System ensures low phototoxicity and photobleaching, i.e., higher throughput with optimal conditions.

Synonyms: , Thunder Imager, Thunder Imaging system, THUNDER Imager Live Cell, THUNDER Imager

Resource Type: instrument resource

Keywords: Leica, USEDit, microscope, camera, 3D speciment, fluorescence microscope, imaging system,

Availability: Restricted

Resource Name: Leica: Thunder Imager Live Cell system

Resource ID: SCR_023794

Record Creation Time: 20230718T050222+0000

Record Last Update: 20260808T190258+0000

Ratings and Alerts

No rating or validation information has been found for Leica: Thunder Imager Live Cell system.

No alerts have been found for Leica: Thunder Imager Live Cell system.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Elhaw AT, et al. (2026) RHOV Is a Detachment-Responsive Rho GTPase Necessary for Ovarian Cancer Peritoneal Metastasis. *Cancer research*, 86(11), 2623.

Gavini CK, et al. (2026) C2CD5 in noradrenergic neurons regulates thermogenesis and lipid homeostasis via norepinephrine secretion. *iScience*, 29(4), 115446.

Rampa DR, et al. (2026) Payload Diversification Overcomes Resistance and Guides Sequential Antibody-Drug Conjugate Therapy in Breast Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(8), 1454.

Lim YX, et al. (2025) Splicing of HPV16 E6 promotes aggressive invasion in oropharyngeal cancer via endocytosis of E-cadherin. *bioRxiv : the preprint server for biology*.

Kolling LJ, et al. (2025) The superficial tufted and mitral cell output neurons of the mouse olfactory bulb have dual roles in insulin sensing. *bioRxiv : the preprint server for biology*.

Zhang J, et al. (2024) Melatonin attenuates hepatic oxidative stress by regulating the P62/LC3 autophagy pathway in PCOS. *Endocrine connections*, 13(12).

Raimi OG, et al. (2024) Mechanism of human PINK1 activation at the TOM complex in a reconstituted system. *Science advances*, 10(23), eadn7191.

Zhao A, et al. (2024) UBE2G2 inhibits vasculogenic mimicry and metastasis of uveal melanoma by promoting ubiquitination of LGALS3BP. *Acta pharmaceutica Sinica. B*, 14(12), 5201.

Tse-Kang SY, et al. (2024) Lysosome-related organelle integrity suppresses TIR-1 aggregation to restrain toxic propagation of p38 innate immunity. *Cell reports*, 43(9), 114674.

Tse-Kang SY, et al. (2024) Intestinal immunity in *C. elegans* is activated by pathogen effector-triggered aggregation of the guard protein TIR-1 on lysosome-related organelles. *Immunity*, 57(10), 2280.

Mishra R, et al. (2023) Mechanopathology of biofilm-like *Mycobacterium tuberculosis* cords. *Cell*, 186(23), 5135.

Dey-Rao R, et al. (2021) A fluorescence-based, gain-of-signal, live cell system to evaluate SARS-CoV-2 main protease inhibition. *Antiviral research*, 195, 105183.