

Resource Summary Report

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Zeiss Zen Lite

RRID:SCR_023747

Type: Tool

Proper Citation

Zeiss Zen Lite (RRID:SCR_023747)

Resource Information

URL: <https://www.zeiss.com/microscopy/en/products/software/zeiss-zen-lite.html>

Proper Citation: Zeiss Zen Lite (RRID:SCR_023747)

Description: Software tool for basic image acquisition and analysis. Zeiss ZEN microscopy software to control of axiocam microscope cameras, image transformation and measurements, image processing, image alignment for correlative microscopy, various visualization options.

Synonyms: ZEISS ZEN lite

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

Keywords: Zeiss, ZEN microscopy, image acquisition and analysis, axiocam microscope camera control, image transformation and measurements, image processing, image alignment, visualization,

Funding:

Availability: Free, Freely available

Resource Name: Zeiss Zen Lite

Resource ID: SCR_023747

Record Creation Time: 20230701T050229+0000

Record Last Update: 20250422T060352+0000

Ratings and Alerts

No rating or validation information has been found for Zeiss Zen Lite.

No alerts have been found for Zeiss Zen Lite.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 993 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Aponte-Diaz D, et al. (2025) Non-lytic spread of poliovirus requires the nonstructural protein 3CD. *mBio*, 16(1), e0327624.

Echeverria CV, et al. (2025) Comparative analysis of fixation techniques for signal detection in avian embryos. *Developmental biology*, 517, 13.

Yang L, et al. (2025) A tunable human intestinal organoid system achieves controlled balance between self-renewal and differentiation. *Nature communications*, 16(1), 315.

Freitas-Ribeiro S, et al. (2025) Cryogenic, but not hypothermic, preservation disrupts the extracellular matrix of cell sheets. *Bioactive materials*, 46, 301.

Ishikawa Y, et al. (2025) Biochemical characterization of collagen I in Warmblood Fragile Foal Syndrome horse lysyl hydroxylase 1 mutation. *microPublication biology*, 2025.

Mandal S, et al. (2025) Qualitative comparison of decalcifiers for mouse bone cryosections for subsequent biophotonic analysis. *Scientific reports*, 15(1), 1153.

Lim EWK, et al. (2025) Mouse ZGRF1 helicase facilitates DNA repair and maintains efficient fertility. *Heliyon*, 11(2), e41979.

Yang X, et al. (2025) Neuronal LAG3 facilitates pathogenic α -synuclein neuron-to-neuron propagation. *bioRxiv : the preprint server for biology*.

Rosati D, et al. (2025) Lactic acid in the vaginal milieu modulates the Candida-host interaction. *Virulence*, 16(1), 2451165.

Ma MT, et al. (2025) Antibody-mediated clearance of an ER-resident aggregate that causes glaucoma. *PNAS nexus*, 4(1), pgae556.

Flaugnatti N, et al. (2025) Capsular polysaccharide restrains type VI secretion in

Acinetobacter baumannii. *eLife*, 14.

Challa S, et al. (2025) RACK1 MARYlation regulates translation and stress granules in ovarian cancer cells. *The Journal of cell biology*, 224(2).

Cho YL, et al. (2025) Glucose-6-phosphate dehydrogenase regulates mitophagy by maintaining PINK1 stability. *Life metabolism*, 4(1), loae040.

Moon TK, et al. (2025) mTOR downregulation promotes anti-inflammatory responses via the CCL3-CCR5 axis in hypoxic retinopathy. *Molecular therapy. Methods & clinical development*, 33(1), 101404.

Neuman K, et al. (2025) Static Magnetic Stimulation and Magnetic Microwires Synergistically Enhance and Guide Neurite Outgrowth. *Advanced healthcare materials*, 14(3), e2403956.

Sato K, et al. (2024) Visualizing the translational activation of a particular mRNA in zebrafish embryos using in situ hybridization and proximity ligation assay. *STAR protocols*, 5(2), 102951.

Mao X, et al. (2024) *Aplp1* interacts with *Lag3* to facilitate transmission of pathologic α -synuclein. *Nature communications*, 15(1), 4663.

Van Nederveen V, et al. (2024) Extracellular components in enteroaggregative *Escherichia coli* biofilm and impact of treatment with proteinase K, DNase or sodium metaperiodate. *Frontiers in cellular and infection microbiology*, 14, 1379206.

Teresa BG, et al. (2024) Reversion from basal histone H4 hypoacetylation at the replication fork increases DNA damage in FANCA deficient cells. *PloS one*, 19(5), e0298032.

Mkhize SA, et al. (2024) Involvement of pentraxin-3 in the development of hypertension but not left ventricular hypertrophy in male spontaneously hypertensive rats. *Physiological reports*, 12(20), e70086.