

Resource Summary Report

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Zeiss AIM 4.2 SP1 software

RRID:SCR_015695

Type: Tool

Proper Citation

Zeiss AIM 4.2 SP1 software (RRID:SCR_015695)

Resource Information

URL: <https://www.zeiss.com/microscopy/us/downloads/lsm-5-series.html>

Proper Citation: Zeiss AIM 4.2 SP1 software (RRID:SCR_015695)

Description: A commercial software package that works with Carl Zeiss microscopy; AIM 4.2 software.

Resource Type: software tool

Resource Name: Zeiss AIM 4.2 SP1 software

Resource ID: SCR_015695

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260815T182515+0000

Ratings and Alerts

No rating or validation information has been found for Zeiss AIM 4.2 SP1 software .

No alerts have been found for Zeiss AIM 4.2 SP1 software .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 101 mentions in open access literature.

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

Wu J, et al. (2026) A Noncanonical RNA-Binding Function of NQO1 Drives Angiogenesis in Esophageal Squamous Cell Carcinoma via Extracellular Vesicle-Mediated AGRN Transfer. *Cancer research*, 86(12), 2951.

Manoim-Wolkovitz JE, et al. (2025) Nonlinear high-activity neuronal excitation enhances odor discrimination. *Current biology : CB*, 35(7), 1521.

He G, et al. (2023) Formin-like 2 promotes angiogenesis and metastasis of colorectal cancer by regulating the EGFL6/CKAP4/ERK axis. *Cancer science*, 114(5), 2014.

Bhaskar PK, et al. (2022) Germline sex determination regulates sex-specific signaling between germline stem cells and their niche. *Cell reports*, 39(1), 110620.

Wang Q, et al. (2022) APAF1-Binding Long Noncoding RNA Promotes Tumor Growth and Multidrug Resistance in Gastric Cancer by Blocking Apoptosome Assembly. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 9(28), e2201889.

Chen C, et al. (2021) LncCCLM inhibits lymphatic metastasis of cervical cancer by promoting STAU1-mediated IGF-1 mRNA degradation. *Cancer letters*, 518, 169.

Wei Y, et al. (2021) EIF4A3-induced circular RNA ASAP1 promotes tumorigenesis and temozolomide resistance of glioblastoma via NRAS/MEK1/ERK1-2 signaling. *Neuro-oncology*, 23(4), 611.

Ren Y, et al. (2021) JAC1 suppresses proliferation of breast cancer through the JWA/p38/SMURF1/HER2 signaling. *Cell death discovery*, 7(1), 85.

Zhang Y, et al. (2021) JP3 enhances the toxicity of cisplatin on drug-resistant gastric cancer cells while reducing the damage to normal cells. *Journal of Cancer*, 12(7), 1894.

Rong Z, et al. (2021) Gut Microbiota Disorders Promote Inflammation and Aggravate Spinal Cord Injury Through the TLR4/MyD88 Signaling Pathway. *Frontiers in nutrition*, 8, 702659.

Ma L, et al. (2020) Silencing of circRACGAP1 sensitizes gastric cancer cells to apatinib via modulating autophagy by targeting miR-3657 and ATG7. *Cell death & disease*, 11(3), 169.

Xie M, et al. (2020) Exosomal circSHKBP1 promotes gastric cancer progression via regulating the miR-582-3p/HUR/VEGF axis and suppressing HSP90 degradation. *Molecular cancer*, 19(1), 112.

Yousafzai NA, et al. (2019) SIRT1 deacetylated and stabilized XRCC1 to promote chemoresistance in lung cancer. *Cell death & disease*, 10(5), 363.

Qiu D, et al. (2018) RNF185 modulates JWA ubiquitination and promotes gastric cancer metastasis. *Biochimica et biophysica acta. Molecular basis of disease*, 1864(5 Pt A), 1552.

Kim KW, et al. (2018) A Neuronal piRNA Pathway Inhibits Axon Regeneration in *C.??elegans*. *Neuron*, 97(3), 511.

Kim KW, et al. (2018) Expanded genetic screening in *Caenorhabditis elegans* identifies new regulators and an inhibitory role for NAD⁺ in axon regeneration. *eLife*, 7.

Li T, et al. (2018) Melatonin attenuates smoking-induced hyperglycemia via preserving insulin secretion and hepatic glycogen synthesis in rats. *Journal of pineal research*, 64(4), e12475.

Greenspan LJ, et al. (2018) Retinoblastoma Intrinsically Regulates Niche Cell Quiescence, Identity, and Niche Number in the Adult *Drosophila* Testis. *Cell reports*, 24(13), 3466.

Yu S, et al. (2018) Paneth Cell Multipotency Induced by Notch Activation following Injury. *Cell stem cell*, 23(1), 46.

Xu W, et al. (2018) KDM5B demethylates H3K4 to recruit XRCC1 and promote chemoresistance. *International journal of biological sciences*, 14(9), 1122.