

Resource Summary Report

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Axio Imager Z2 microscope

RRID:SCR_018856

Type: Tool

Proper Citation

Axio Imager Z2 microscope (RRID:SCR_018856)

Resource Information

URL: <https://www.micro-shop.zeiss.com/en/no/system/axio+imager+2-axio+imager.z2-upright+microscopes/10217/>

Proper Citation: Axio Imager Z2 microscope (RRID:SCR_018856)

Description: Upright research microscope for imaging in fluorescence and transmitted light by Carl Zeiss AS. Part of Axio Imager 2 series. Designed for life science research and is high-performance upright microscope for advanced fluorescence and phase contrast imaging. It's ideal for applications such as live cell imaging, pathology, neuroscience, cell biology, cancer research, developmental biology, and molecular genetics.

Resource Type: instrument resource

Keywords: Axio imager, Imager Z2, microscope, imaging, fluorescence, transmitted light, Carl Zeiss AS, instrument, equipment

Availability: Restricted

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_018856.pdf

Resource Name: Axio Imager Z2 microscope

Resource ID: SCR_018856

Alternate IDs: Model_Number_Z2

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260903T235516+0000

Ratings and Alerts

No rating or validation information has been found for Axio Imager Z2 microscope.

No alerts have been found for Axio Imager Z2 microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Radiske A, et al. (2025) Theta-encoded information flow from dorsal CA1 to prelimbic cortex drives memory reconsolidation. *iScience*, 28(7), 112821.

Dias L, et al. (2025) Impact of Glucocorticoid-Associated Stress-Like Conditions on Aquaporin-4 in Cultured Astrocytes and Its Modulation by Adenosine A2A Receptors. *Journal of neurochemistry*, 169(1), e16299.

Mihalj D, et al. (2025) Prenatal Valproate Exposure Affects Cortical Neurite Branching, GABAergic Markers, Motor Reflexes and Ultrasonic Vocalizations in the Male Rat Pups. *Journal of neurochemistry*, 169(8), e70184.

Madeira D, et al. (2023) Modification of astrocytic Cx43 hemichannel activity in animal models of AD: modulation by adenosine A2A receptors. *Cellular and molecular life sciences : CMLS*, 80(11), 340.

Madeira D, et al. (2023) Astrocytic A2A receptors silencing negatively impacts hippocampal synaptic plasticity and memory of adult mice. *Glia*.

Kudo KI, et al. (2022) ?Np63? transcriptionally represses p53 target genes involved in the radiation-induced DNA damage response : ?Np63? may cause genomic instability in epithelial stem cells. *Radiation oncology (London, England)*, 17(1), 183.

Imbernon M, et al. (2022) Tanycytes control hypothalamic liraglutide uptake and its anti-obesity actions. *Cell metabolism*, 34(7), 1054.

Nogueira-Rodrigues J, et al. (2022) Rewired glycosylation activity promotes scarless regeneration and functional recovery in spiny mice after complete spinal cord transection. *Developmental cell*, 57(4), 440.

Dias L, et al. (2022) A?1-42 peptides blunt the adenosine A2A receptor-mediated control of the interplay between P2X7 and P2Y1 receptors mediated calcium responses in astrocytes. *Cellular and molecular life sciences : CMLS*, 79(8), 457.

Madeira D, et al. (2021) Association Between Adenosine A2A Receptors and Connexin 43 Regulates Hemichannels Activity and ATP Release in Astrocytes Exposed to Amyloid-? Peptides. *Molecular neurobiology*, 58(12), 6232.