

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

Keyence: BZ X-710 fluorescent microscope

RRID:SCR_017202

Type: Tool

Proper Citation

Keyence: BZ X-710 fluorescent microscope (RRID:SCR_017202)

Resource Information

URL: <https://www.keyence.co.jp/products/microscope/fluorescence-microscope/bz-x700/models/bz-x710/>

Proper Citation: Keyence: BZ X-710 fluorescent microscope (RRID:SCR_017202)

Description: All in one fluorescence microscope BZ-X710 by Keyence, Japan.

Resource Type: instrument resource

Keywords: instrument, fluorescence, microscope, Keyence

Availability: Available for purchase

Resource Name: Keyence: BZ X-710 fluorescent microscope

Resource ID: SCR_017202

Alternate URLs: <https://www.keyence.com/products/microscope/fluorescence-microscope/bz-x700/models/bz-x710/>

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260725T190829+0000

Ratings and Alerts

No rating or validation information has been found for Keyence: BZ X-710 fluorescent microscope.

No alerts have been found for Keyence: BZ X-710 fluorescent microscope.

Data and Source Information

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Takekoshi Y, et al. (2025) Reelin Increases the Sphingomyelin Content of the Plasma Membrane and Affects the Surface Expression of GPI-Anchored Proteins in Hippocampal Neurons. *Journal of neurochemistry*, 169(9), e70225.

Koganemaru S, et al. (2025) Potential Mechanisms of Interstitial Lung Disease Induced by Antibody-Drug Conjugates Based on Quantitative Analysis of Drug Distribution. *Molecular cancer therapeutics*, 24(2), 242.

Zhang Y, et al. (2025) Deprivation of EGFR signal causes senolysis in PDAC with CDK4/6 inhibition. *Cell death and differentiation*.

Ohno M, et al. (2025) Functional role of dentate gyrus calbindin-D28K in supporting neurogenesis and emotional-social behavior relevant to antidepressant action. *Pharmacology, biochemistry, and behavior*, 255, 174076.

Monte B, et al. (2025) A novel gene edited rat model of cerebral autosomal recessive arteriopathy with subcortical infarcts and leukoencephalopathy (CARASIL). *Cerebral circulation - cognition and behavior*, 9, 100401.

Matsuda T, et al. (2024) Striatal parvalbumin interneurons are activated in a mouse model of cerebellar dystonia. *Disease models & mechanisms*, 17(5).

Schrader JM, et al. (2024) Longitudinal markers of cerebral amyloid angiopathy and related inflammation in rTg-DI rats. *Scientific reports*, 14(1), 8441.

Ambi A, et al. (2023) Evaluation of Copper Chelation Therapy in a Transgenic Rat Model of Cerebral Amyloid Angiopathy. *ACS chemical neuroscience*, 14(3), 378.

Dressel N, et al. (2023) Activation of the cGAS/STING Axis in Genome-Damaged Hematopoietic Cells Does Not Impact Blood Cell Formation or Leukemogenesis. *Cancer research*, 83(17), 2858.

Mykins M, et al. (2023) Wild-type MECP2 expression coincides with age-dependent sensory phenotypes in a female mouse model for Rett syndrome. *Journal of neuroscience research*, 101(8), 1236.

Schrader JM, et al. (2022) Distinct Brain Proteomic Signatures in Cerebral Small Vessel Disease Rat Models of Hypertension and Cerebral Amyloid Angiopathy. *Journal of neuropathology and experimental neurology*, 81(9), 731.

Laing BT, et al. (2022) Regulation of body weight and food intake by AGRP neurons during opioid dependence and abstinence in mice. *Frontiers in neural circuits*, 16, 977642.

Oguma Y, et al. (2022) Single-cell RNA sequencing reveals different signatures of mesenchymal stromal cell pluripotent-like and multipotent populations. *iScience*, 25(11), 105395.

Okano M, et al. (2022) Interleukin-33-activated neuropeptide CGRP-producing memory Th2 cells cooperate with somatosensory neurons to induce conjunctival itch. *Immunity*, 55(12), 2352.

Stanisavljevic A, et al. (2022) Impact of Non-pharmacological Chronic Hypertension on a Transgenic Rat Model of Cerebral Amyloid Angiopathy. *Frontiers in neuroscience*, 16, 811371.

Fuentes NR, et al. (2021) Membrane therapy using DHA suppresses epidermal growth factor receptor signaling by disrupting nanocluster formation. *Journal of lipid research*, 62, 100026.

Uchikado Y, et al. (2021) Association of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1 With Angiotensin II Type 1 Receptor Impacts Mitochondrial Quality Control, Offering Promise for the Treatment of Vascular Senescence. *Frontiers in cardiovascular medicine*, 8, 788655.

Kedashiro S, et al. (2021) Nectin-4 and p95-ErbB2 cooperatively regulate Hippo signaling-dependent SOX2 gene expression, enhancing anchorage-independent T47D cell proliferation. *Scientific reports*, 11(1), 7344.

Chanda D, et al. (2021) Mesenchymal stromal cell aging impairs the self-organizing capacity of lung alveolar epithelial stem cells. *eLife*, 10.

Miyawaki Y, et al. (2020) Zonisamide promotes survival of human-induced pluripotent stem cell-derived dopaminergic neurons in the striatum of female rats. *Journal of neuroscience research*, 98(8), 1575.