Resource Summary Report

Generated by RRID on Aug 6, 2026

Keyence: BZ-X700 microscope

RRID:SCR_016979
Type: Tool

Proper Citation

Keyence: BZ-X700 microscope (RRID:SCR_016979)

Resource Information

URL: https://www.keyence.com/products/microscope/fluorescence-microscope/bz-x700/index_pr.jsp

Proper Citation: Keyence: BZ-X700 microscope (RRID:SCR_016979)

Description: Fluorescence microscope of BZ-X series by KEYENCE CORPORATION of America. Captures high resolution images without the blurring caused by out of focus fluorescent signals. Optical sectioning allows the user to obtain images comparable to those captured on a laser confocal microscope, but in a fraction of the time and without the damaging effects of a laser., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: instrument resource

Keywords: Fluorescence, microscope, confocal, imaging, KEYENCE CORPORATION of America

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Keyence: BZ-X700 microscope

Resource ID: SCR_016979

Alternate URLs: https://www.keyence.com/landing/microscope/lp_bzx_micro.jsp

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260801T190558+0000

Ratings and Alerts

No rating or validation information has been found for Keyence: BZ-X700 microscope.

No alerts have been found for Keyence: BZ-X700 microscope.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Wang R, et al. (2025) Anti-mitotic agent SB-216 overcomes taxane resistance in castration-resistant prostate cancer and exhibits anti-tumour efficacy in pancreatic cancer. British journal of pharmacology.

Maeoka R, et al. (2025) Immunotherapy using allogenic NK cells downregulates mitochondrial-related genes and inhibits the OXPHOS system of malignant meningioma. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 187, 118099.

Shimizu T, et al. (2025) Bile acid-FXR signaling facilitates the long-term maintenance of hepatic characteristics in human iPSC-derived organoids. Cell reports, 44(5), 115675.

Urai S, et al. (2024) The early-stage clinical course of anti-pituitary-specific transcription factor-1 hypophysitis diagnosed post-immune checkpoint inhibitor treatment: A case with review of literature. Journal of neuroendocrinology, 36(6), e13395.

Nakai M, et al. (2024) RNA-modifying enzyme Alkbh8 is involved in mouse embryonic development. iScience, 27(9), 110777.

Zhang L, et al. (2024) Regulation of muscle hypertrophy through granulin: Relayed communication among mesenchymal progenitors, macrophages, and satellite cells. Cell reports, 43(4), 114052.

Kuzuoglu-Ozturk D, et al. (2023) N-myc-Mediated Translation Control Is a Therapeutic Vulnerability in Medulloblastoma. Cancer research, 83(1), 130.

Wilkening RV, et al. (2023) Identifying genetic determinants of Streptococcus pyogenes-host interactions in a murine intact skin infection model. Cell reports, 42(11), 113332.

Urai S, et al. (2023) Paraneoplastic isolated adrenocorticotropic hormone deficiency revealed after immune checkpoint inhibitors therapy: new insights into anti-corticotroph antibody. Frontiers in immunology, 14, 1284301.

Slominski AT, et al. (2021) Vitamin D and lumisterol derivatives can act on liver X receptors (LXRs). Scientific reports, 11(1), 8002.

de Vries M, et al. (2021) A comparative analysis of SARS-CoV-2 antivirals in human airway models characterizes 3CLpro inhibitor PF-00835231 as a potential new treatment for COVID-19. bioRxiv : the preprint server for biology.

de Vries M, et al. (2021) A comparative analysis of SARS-CoV-2 antivirals characterizes 3CLpro inhibitor PF-00835231 as a potential new treatment for COVID-19. Journal of

virology, 95(7).

Yoshihara C, et al. (2021) Calcitonin receptor signaling in the medial preoptic area enables risk-taking maternal care. Cell reports, 35(9), 109204.

Roth LM, et al. (2021) Differential effects of integrase strand transfer inhibitors, elvitegravir and raltegravir, on oligodendrocyte maturation: A role for the integrated stress response. Glia, 69(2), 362.

Roth LM, et al. (2021) HIV-induced neuroinflammation inhibits oligodendrocyte maturation via glutamate-dependent activation of the PERK arm of the integrated stress response. Glia, 69(9), 2252.

Kano M, et al. (2019) Tanycyte-Like Cells Derived From Mouse Embryonic Stem Culture Show Hypothalamic Neural Stem/Progenitor Cell Functions. Endocrinology, 160(7), 1701.

Shinozaki Y, et al. (2019) Microglial ROCK is essential for chronic methylmercury-induced neurodegeneration. Journal of neurochemistry, 151(1), 64.