

Resource Summary Report

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Keyence: BZ-X800 Fluorescent Microscope

RRID:SCR_023617

Type: Tool

Proper Citation

Keyence: BZ-X800 Fluorescent Microscope (RRID:SCR_023617)

Resource Information

URL: https://www.keyence.com/ss/products/microscope/bz-x800_research/

Proper Citation: Keyence: BZ-X800 Fluorescent Microscope (RRID:SCR_023617)

Description: Automated high-resolution microscope for Life Science research. Provided with BZ-X800 Analyzer software. You can purchase different applications for the BZ-X800 analysis software to perform specific analyses, such as the BZ-H4C Hybrid Cell Count Application, which is used to count stained areas.

Synonyms: BZ-X800 Fluorescent Microscope

Resource Type: instrument resource

Keywords: Fluorescent microscope, automated microscope, instrument, equipment, USEDit

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_023617.pdf

Resource Name: Keyence: BZ-X800 Fluorescent Microscope

Resource ID: SCR_023617

Alternate IDs: Model_Number_BZ-X800

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

Record Creation Time: 20230527T050216+0000

Record Last Update: 20260905T133024+0000

Ratings and Alerts

No rating or validation information has been found for Keyence: BZ-X800 Fluorescent Microscope.

No alerts have been found for Keyence: BZ-X800 Fluorescent Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Fukugaki A, et al. (2026) Enhancing Immunotherapeutic Response in Colorectal Cancer with a Neuropilin 1-Targeting Tumor-Penetrating Peptide. Cancer research communications, 6(6), 1364.

Albeltagy N, et al. (2026) The Interplay Between Stiffness and Hyperglycemia on Diabetic Foot Ulcer Wound Closure. Cellular and molecular bioengineering, 19(1), 29.

Kimura N, et al. (2026) CLDN6 Expression Plasticity in Ovarian Cancer: Insights into Therapeutic Optimization for CLDN6-Targeted Immunotherapy. Cancer research communications, 6(2), 383.

Yoshichika R, et al. (2026) Immunological effects of amivantamab in EGFR or MET-expressing non-small cell lung cancer. Cancer immunology, immunotherapy : CII, 75(4).

Jeffries MA, et al. (2026) Exposure to Frontline Antiretroviral Dolutegravir Disrupts Oligodendrocyte Development Across Differentiation Stages. ASN neuro, 18(1), 2647877.

Duran M, et al. (2026) The central amygdala gates exogenous glucagon-like peptide 1 signals. Molecular metabolism, 110, 102403.

Buckley KH, et al. (2026) Gastric Epithelium from BRCA1 and BRCA2 Carriers Harbors Increased Double-Stranded DNA Damage and Enhanced Growth Potential. Molecular cancer research : MCR, 24(7), 589.

Kwon H, et al. (2026) Glycerol 3-phosphate activates lipid metabolism through GATOR2-dependent regulation of mTORC1. Science signaling, 19(946), eaeb7989.

Fujikawa M, et al. (2026) Oxygen-stable streptolysin O variant enables mitochondrial ATP synthesis analysis in minimal cells blood and tissues. iScience, 29(8), 116788.

Grafals-Ruiz N, et al. (2026) M6 metabolite contributes to the efficacy of the Rac/Cdc42 inhibitor MBQ-167 in metastatic breast cancer. Molecular cancer therapeutics.

Suzuki K, et al. (2026) Targeting the $\alpha 5$ Integrin Modifies the TGF β -Rich Tumor Microenvironment of Pancreatic Cancer. Cancer research, 86(15), 3801.

Chen Y, et al. (2026) Autoantibodies against type I interferons in patients with zoonotic H7N9 influenza: an observational case-control study. *EBioMedicine*, 130, 106387.

Salido E, et al. (2025) The 9p21.3 Coronary Artery Disease Risk Locus Drives Vascular Smooth Muscle Cells to an Osteochondrogenic State. *Arteriosclerosis, thrombosis, and vascular biology*, 45(5), 702.

Koiso R, et al. (2025) Emergence of the sex difference in calbindin D-28K neurons and the role of calbindin D-28K in clustering neurons of the preoptic area in mice. *Cell and tissue research*, 401(2), 117.

Zou M, et al. (2025) Txnip deficiency causes a susceptibility to acute cold stress with brown fat dysfunction in mice. *The Journal of biological chemistry*, 301(3), 108293.

Wannakul T, et al. (2025) Loss of fatty acid-binding protein 7 promotes B16F10 melanoma metastasis. *Scientific reports*, 15(1), 10495.

Mangutov E, et al. (2025) Activation of μ -opioid receptors blocks allodynia in a model of headache induced by PACAP. *British journal of pharmacology*, 182(7), 1630.

DeTemple VK, et al. (2024) Anti-tumor effects of tirbanibulin in squamous cell carcinoma cells are mediated via disruption of tubulin-polymerization. *Archives of dermatological research*, 316(7), 341.

Chilton PM, et al. (2024) Age-associated temporal decline in butyrate-producing bacteria plays a key pathogenic role in the onset and progression of neuropathology and memory deficits in 3 $\times$ Tg-AD mice. *Gut microbes*, 16(1), 2389319.

Rojas-Chaverra NM, et al. (2024) A cyclic peptide-grafted Fc with hepatocyte growth factor functionality ameliorates hepatic fibrosis in a non-alcoholic steatohepatitis mouse model. *iScience*, 27(8), 110426.