

Resource Summary Report

Generated by [kravitz2](#) on Aug 3, 2026

Olympus: Compact Stereo Microscope SZ61

RRID:SCR_018950

Type: Tool

Proper Citation

Olympus: Compact Stereo Microscope SZ61 (RRID:SCR_018950)

Resource Information

URL: <https://www.olympus-lifescience.com/en/microscopes/stereo/sz61/>

Proper Citation: Olympus: Compact Stereo Microscope SZ61 (RRID:SCR_018950)

Description: Standard model SZ61 Zoom Stereomicroscope with magnification range from 6.7x to 45x (using 10x eyepieces), with wide zoom ratio of 6.7:1, enabling macro to micro zooming that speeds routine workflows. Inward angle allows combination of high level flatness and depth of focus for 3D viewing.

Synonyms: Olympus SZ61, Olympus SZ61 Zoom Stereomicroscope

Resource Type: instrument resource

Keywords: Zoom stereomicroscope, microscope, Olympus, Olympus SZ61, 3D viewing, instrument, equipment

Availability: Restricted

Resource Name: Olympus: Compact Stereo Microscope SZ61

Resource ID: SCR_018950

Alternate URLs: [https://www.olympus-lifescience.com/en/manual-download/?0\[XForms::XForm%20Processor\]\[form\]\[D418\]=847253424&0\[XForms::XForm%20Processor\]](https://www.olympus-lifescience.com/en/manual-download/?0[XForms::XForm%20Processor][form][D418]=847253424&0[XForms::XForm%20Processor])

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Ratings and Alerts

No rating or validation information has been found for Olympus: Compact Stereo Microscope SZ61.

No alerts have been found for Olympus: Compact Stereo Microscope SZ61.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Reynaud M, et al. (2025) The multi-level effect of chlorpyrifos during clownfish metamorphosis. *Molecular and cellular endocrinology*, 603, 112535.

Nayana J, et al. (2024) Repeated finasteride administration promotes synaptic plasticity and produces antidepressant- and anxiolytic-like effects in female rats. *Journal of neuroscience research*, 102(3), e25306.

Ritzau-Jost A, et al. (2023) Direct whole-cell patch-clamp recordings from small boutons in rodent primary neocortical neuron cultures. *STAR protocols*, 4(2), 102168.

Subhadeep D, et al. (2021) Exposure to Short Photoperiod Regime Restores Spatial Cognition in Ventral Subicular Lesioned Rats: Potential Role of Hippocampal Plasticity, Glucocorticoid Receptors, and Neurogenesis. *Molecular neurobiology*, 58(9), 4437.

Salaka RJ, et al. (2021) Enriched environment ameliorates chronic temporal lobe epilepsy-induced behavioral hyperexcitability and restores synaptic plasticity in CA3-CA1 synapses in male Wistar rats. *Journal of neuroscience research*, 99(6), 1646.