

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 18, 2025

## 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

**Funding:**

**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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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.

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.