Resource Summary Report

Generated by RRID on Aug 6, 2026

Leica: TCS SP5 II microscope

RRID:SCR_018714
Type: Tool

Proper Citation

Leica: TCS SP5 II microscope (RRID:SCR_018714)

Resource Information

URL: https://downloads.leica-microsystems.com/Leica%20TCS%20SP5%20II/Brochures/Leica%20TCS_SP5_II-Brochure_Technical_Data.EN.pdf

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Description: Confocal microscope covers broad range of requirements in confocal and multiphoton imaging with array of scan speeds at highest resolution., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Synonyms: Leica TCS SP5 II

Resource Type: instrument resource

Keywords: Confocal microscope, microscope, Leica TCS SP5 II, Leica, TCS SP5 II, multiphoton imaging, imaging, instrument, equipment, ABRF

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Leica: TCS SP5 II microscope

Resource ID: SCR_018714

Alternate IDs: Model_Number_Leica_TCS_SP5_II

Alternate URLs: https://www.leica-microsystems.com/products/confocal-microscopes/p/leica-tcs-sp5-ii/, https://photos.labwrench.com/equipmentManuals/9363-3536.pdf

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Ratings and Alerts

No rating or validation information has been found for Leica: TCS SP5 II microscope.

No alerts have been found for Leica: TCS SP5 II microscope.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Allen AM, et al. (2026) Differential neuronal survival defines a novel axis of sexual dimorphism in the Drosophila brain. Cell genomics, 101125.

Eme-Scolan E, et al. (2026) Remodeling of skull bone channels regulates immune infiltration into the meninges during neuroinflammation. Immunity, 59(1), 116.

Lin GT, et al. (2025) Combining Apatinib and Oxaliplatin Remodels the Immunosuppressive Tumor Microenvironment and Sensitizes Desert-Type Gastric Cancer to Immunotherapy. Cancer research, 85(11), 2117.

Chen J, et al. (2025) CD146+ CAFs mediate immunosuppression in gastric cancer via COL4A1: potential therapeutic targets. Journal for immunotherapy of cancer, 13(12).

Allen AM, et al. (2025) A high-resolution atlas of the brain predicts lineage and birth order underlying neuronal identity. Cell genomics, 101103.

Foucault L, et al. (2024) Neonatal brain injury unravels transcriptional and signaling changes underlying the reactivation of cortical progenitors. Cell reports, 43(2), 113734.

Arango CP, et al. (2024) Epimorphic development in tropical shallow-water Nymphonidae (Arthropoda: Pycnogonida) revealed by fluorescence imaging. Zoological letters, 10(1), 1.

Brenneis G, et al. (2023) The sea spider Pycnogonum litorale overturns the paradigm of the absence of axial regeneration in molting animals. Proceedings of the National Academy of Sciences of the United States of America, 120(5), e2217272120.

Radford RAW, et al. (2023) Identification of phosphorylated tau protein interactors in progressive supranuclear palsy (PSP) reveals networks involved in protein degradation, stress response, cytoskeletal dynamics, metabolic processes, and neurotransmission. Journal of neurochemistry, 165(4), 563.

Maru B, et al. (2023) PARP-1 improves leukemia outcomes by inducing parthanatos during chemotherapy. Cell reports. Medicine, 4(9), 101191.

Gaidin SG, et al. (2023) A novel approach for vital visualization and studying of neurons containing Ca2+ -permeable AMPA receptors. Journal of neurochemistry, 164(5), 583.

Homberg U, et al. (2023) Comparative morphology of serotonin-immunoreactive neurons innervating the central complex in the brain of dicondylian insects. The Journal of comparative neurology, 531(14), 1482.

Brenneis G, et al. (2022) The visual pathway in sea spiders (Pycnogonida) displays a simple serial layout with similarities to the median eye pathway in horseshoe crabs. BMC biology, 20(1), 27.

Frankowski K, et al. (2022) A microCT-based atlas of the central nervous system and midgut in sea spiders (Pycnogonida) sheds first light on evolutionary trends at the family level. Frontiers in zoology, 19(1), 14.

Chakraborty K, et al. (2021) Tissue-specific targeting of DNA nanodevices in a multicellular living organism. eLife, 10.

Ye L, et al. (2021) Cytokinins initiate secondary growth in the Arabidopsis root through a set of LBD genes. Current biology : CB, 31(15), 3365.

Lentini C, et al. (2021) Reprogramming reactive glia into interneurons reduces chronic seizure activity in a mouse model of mesial temporal lobe epilepsy. Cell stem cell, 28(12), 2104.

Lipstein N, et al. (2021) Munc13-1 is a Ca2+-phospholipid-dependent vesicle priming hub that shapes synaptic short-term plasticity and enables sustained neurotransmission. Neuron, 109(24), 3980.

Zhang C, et al. (2021) The role of oxidative stress in the susceptibility of noise-impaired cochleae to synaptic loss induced by intracochlear electrical stimulation. Neuropharmacology, 196, 108707.

Brenneis G, et al. (2021) Insights into the genetic regulatory network underlying neurogenesis in the parthenogenetic marbled crayfish Procambarus virginalis. Developmental neurobiology, 81(8), 939.