

Resource Summary Report

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ParaVision

RRID:SCR_001964

Type: Tool

Proper Citation

ParaVision (RRID:SCR_001964)

Resource Information

URL: <http://www.bruker.com/service/support-upgrades/software-downloads/mri.html>

Proper Citation: ParaVision (RRID:SCR_001964)

Description: Image acquisition software used to acquire images during magnetic resonance imaging.

Synonyms: ParaVision 6, ParaVision 4, Paravision, Bruker Paravision 4.0 software

Resource Type: image acquisition software, data acquisition software, software application, data processing software, software resource, data visualization software

Keywords: mri, 3d visualization, 3d analysis, parallel imaging, reconstruction

Availability: Restricted

Resource Name: ParaVision

Resource ID: SCR_001964

Alternate IDs: SciRes_000158

Record Creation Time: 20220129T080210+0000

Record Last Update: 20260804T043130+0000

Ratings and Alerts

No rating or validation information has been found for ParaVision.

No alerts have been found for ParaVision.

Data and Source Information

Usage and Citation Metrics

We found 1003 mentions in open access literature.

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

Jain N, et al. (2026) T1-weighted fMRI in mouse visual cortex using an iron oxide nanoparticle contrast agent and UTE imaging at 9.4 T. *Magnetic resonance in medicine*, 95(2), 680.

Arnaut LG, et al. (2026) Flash Photodynamic Therapy - How the Saturation of Photosensitizer Absorption Enables Selective and Deeper Tumor Treatments. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(1), e13199.

Michel KA, et al. (2026) Pharmacokinetic modeling strategies for dynamic hyperpolarized urea imaging. *Magnetic resonance in medicine*, 95(3), 1671.

Lee M, et al. (2025) Early postnatal reelin treatment suppresses epileptic spasms in a rat model of cortical malformation. *Neuropharmacology*, 279, 110637.

Bari? A, et al. (2025) Bradykinin Type 2 Receptor Deficiency Reshapes Acute Neuroinflammation and Improves Cell Survival after Ischemic Stroke in Diabetic Mice. *Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology*, 20(1), 107.

Van den Bosch J, et al. (2025) Optimizing Preclinical Models for Oral Cancer: The Influence of 4NQO Administration Routes on Tumor Development. *Cancers*, 17(13).

Huang J, et al. (2025) Neurophilic Biomimetic Lipoprotein-Mediated Targeted Nerve Growth Factor Delivery for Traumatic Brain Injury Therapy. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e09405.

Lam WW, et al. (2025) Saturation transfer (CEST and MT) MRI for characterization of U-87 MG glioma in the rat. *NMR in biomedicine*, 38(1), e5282.

Schulte J, et al. (2025) 2-[18F]F-p-Aminobenzoic Acid Specifically Detects Infective Endocarditis in Positron Emission Tomography. *The Journal of infectious diseases*, 231(3), e536.

Huang SY, et al. (2025) Choline alleviates cognitive impairment in sleep-deprived young mice via reducing neuroinflammation and altering phospholipidomic profile. *Redox biology*, 81, 103578.

Szinyei AZ, et al. (2025) Systematic evaluation of adhesives for implant fixation in multimodal functional brain MRI. *Magma* (New York, N.Y.), 38(2), 191.

Hong Y, et al. (2025) Neuroprotective Efficacy of *Astragalus mongholicus* in Ischemic Stroke: Antioxidant and Anti-Inflammatory Mechanisms. *Cells*, 14(2).

Osoliniec VE, et al. (2025) Oral intake of deuterated choline at clinical dose for metabolic imaging of brain tumors. *Npj imaging*, 3(1), 54.

Wang W, et al. (2025) Magnetically Labelled iPSC-Derived Extracellular Vesicles Enable MRI/MPI-Guided Regenerative Therapy for Myocardial Infarction. *Journal of extracellular vesicles*, 14(10), e70178.

David G, et al. (2025) Progressive Remote Axonal Degeneration Following Spinal Cord Injury: A Histological and MRI Study. *Neurotrauma reports*, 6(1), 443.

Pais ML, et al. (2025) Sex-specific cortical networks drive social behavior differences in an autism spectrum disorder model. *Translational psychiatry*, 15(1), 251.

Albrecht C, et al. (2025) Intraperitoneal administration of NMDA-Subunit NR1-receptor antibodies does not improve long-term outcome in a murine MCAo-stroke model. *Frontiers in neuroscience*, 19, 1614924.

Nagarajan G, et al. (2025) Cingulate cortex shapes early postnatal development of social vocalizations. *eLife*, 13.

Kisel A, et al. (2025) Ultra-high resolution magnetic resonance microscopy of in situ gadolinium gold nanoparticle-labeled cells in the rat brain. *Chemical science*, 16(27), 12421.

Hernandez-Solarte D, et al. (2025) RF Heating Effects in CEST NMR with Hyperpolarized ^{129}Xe Considering Different Spin Exchange Kinetics and Saturation Schemes. *Chemphyschem : a European journal of chemical physics and physical chemistry*, 26(8), e202401037.