Resource Summary Report

Generated by ASWG on Aug 2, 2026

MatNMR

RRID:SCR_012060
Type: Tool

Proper Citation

MatNMR (RRID:SCR_012060)

Resource Information

URL: http://matnmr.sourceforge.net/

Proper Citation: MatNMR (RRID:SCR_012060)

Description: A highly flexible software toolbox for processing 1D and 2D NMR and EPR spectra under MATLAB, creating high-quality 1D, 2D or 3D plots from the spectra and printing them in every type of format that is supported by MATLAB.

Resource Type: software resource

Defining Citation: PMID:17448713

Keywords: standalone software

Resource Name: MatNMR

Resource ID: SCR_012060

Alternate IDs: OMICS_03375

Record Creation Time: 20220129T080308+0000

Record Last Update: 20260801T190433+0000

Ratings and Alerts

No rating or validation information has been found for MatNMR.

No alerts have been found for MatNMR.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Park J, et al. (2025) Simultaneous Effects of Thermal Cycling and Shear on Flow Instabilities of Phase-Change Nanoemulsions Measured by Rheo-NMR and MRI Velocimetry. The journal of physical chemistry letters, 16(13), 3316.

Gunnarsson M, et al. (2023) Molecular Mobility in Keratin-Rich Materials Monitored by Nuclear Magnetic Resonance: A Tool for the Evaluation of Structure-Giving Properties. Biomacromolecules, 24(6), 2661.

Sanders E, et al. (2023) The Stabilization of S100A9 Structure by Calcium Inhibits the Formation of Amyloid Fibrils. International journal of molecular sciences, 24(17).

Kis N, et al. (2022) The effects of glycols on molecular mobility, structure, and permeability in stratum corneum. Journal of controlled release : official journal of the Controlled Release Society, 343, 755.

Simi? K, et al. (2022) NMR Metabolomics in Serum Fingerprinting of Schizophrenia Patients in a Serbian Cohort. Metabolites, 12(8).

Pham QD, et al. (2021) Mucoadhesion: mucin-polymer molecular interactions. International journal of pharmaceutics, 610, 121245.

Mojumdar EH, et al. (2021) Probing Skin Barrier Recovery on Molecular Level Following Acute Wounds: An In Vivo/Ex Vivo Study on Pigs. Biomedicines, 9(4).

Piveteau L, et al. (2020) Bulk and Nanocrystalline Cesium Lead-Halide Perovskites as Seen by Halide Magnetic Resonance. ACS central science, 6(7), 1138.

Kishimoto S, et al. (2019) Imaging of glucose metabolism by 13C-MRI distinguishes pancreatic cancer subtypes in mice. eLife, 8.

Mojumdar EH, et al. (2019) Self-Assembly in Ganglioside?Phospholipid Systems: The Co-Existence of Vesicles, Micelles, and Discs. International journal of molecular sciences, 21(1).

Koukalová A, et al. (2017) Lipid Driven Nanodomains in Giant Lipid Vesicles are Fluid and Disordered. Scientific reports, 7(1), 5460.

Frantsuzov I, et al. (2017) Rationalising Heteronuclear Decoupling in Refocussing Applications of Solid-State NMR Spectroscopy. Chemphyschem : a European journal of chemical physics and physical chemistry, 18(4), 394.

Tang M, et al. (2016) Following lithiation fronts in paramagnetic electrodes with in situ magnetic resonance spectroscopic imaging. Nature communications, 7, 13284.

Pham QD, et al. (2016) Chemical penetration enhancers in stratum corneum - Relation between molecular effects and barrier function. Journal of controlled release : official

journal of the Controlled Release Society, 232, 175.

Fantini J, et al. (2016) A mirror code for protein-cholesterol interactions in the two leaflets of biological membranes. Scientific reports, 6, 21907.

Matam Y, et al. (2016) Direct affinity of dopamine to lipid membranes investigated by Nuclear Magnetic Resonance spectroscopy. Neuroscience letters, 618, 104.