

Resource Summary Report

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Virginia Tech NMR Spectroscopy Core Facility

RRID:SCR_027587

Type: Tool

Proper Citation

Virginia Tech NMR Spectroscopy Core Facility (RRID:SCR_027587)

Resource Information

URL: <https://chem.vt.edu/analyticalservices/nmr.html>

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Description: Facility features 7 state of the art high field NMR instruments ranging from 400 to 600 MHz. The facility provides a diverse selection of probes including room temperature, LN2 cooled probes, 10mm Polymer probes, Diffusion and Solid-State NMR probes. The entire suite of 1D, 2D, Diffusion and Solid-State NMR capabilities are available for a broad range of nuclei.

Synonyms: , Virginia Tech NMR Facility, VT Chemistry NMR Facility

Resource Type: access service resource, core facility, service resource

Keywords: ABRF, spectroscopy,

Resource Name: Virginia Tech NMR Spectroscopy Core Facility

Resource ID: SCR_027587

Alternate IDs: ABRF_5617

Alternate URLs: <https://coremarketplace.org/?FacilityID=5617&citation=1>

Record Creation Time: 20251024T055850+0000

Record Last Update: 20260912T200531+0000

Ratings and Alerts

No rating or validation information has been found for Virginia Tech NMR Spectroscopy Core Facility.

No alerts have been found for Virginia Tech NMR Spectroscopy Core Facility.

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 [SPARC SAWG](#) .

Basak S, et al. (2026) Functionalized Metal-Organic Framework Thin Films for Stable and Efficient Electrochemical Water Oxidation under Near-Neutral Conditions. ACS electrochemistry, 2(5), 1282.

Basak S, et al. (2026) Tunable redox hopping charge transport and electrochromism in multivariate MOFs: effects of substitution patterns and number of sulfonic acid groups. Chemical science.

Zhang Z, et al. (2026) Converting 1,1-Bisborylalkanes into 1,2-Bisborylalkanes Enabled by Iron Ligand-to-Metal Charge Transfer (LMCT) Photocatalysis. Angewandte Chemie (International ed. in English), 65(22), e24873.

Anderson IC, et al. (2026) Buffer and Polymer Molecular Weight Affect Zinc Myoglobin-Mediated PET-RAFT Polymerizations. ACS macro letters, 15(5), 732.

Beale V, et al. (2026) Cu-Catalyzed Reductive Coupling of Allylic and Carbonyl Electrophiles. Organic letters, 28(12), 3797.