

# Resource Summary Report

Generated by [ASWG](#) on Sep 18, 2026

## Virginia Tech NMR Spectroscopy Core Facility

RRID:SCR\_027587

Type: Tool

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### Proper Citation

Virginia Tech NMR Spectroscopy Core Facility (RRID:SCR\_027587)

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### 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

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### 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 [ASWG](#) .

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.