

Resource Summary Report

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National High Magnetic Field Laboratory Ion Cyclotron Resonance Core Facility

RRID:SCR_017361

Type: Tool

Proper Citation

National High Magnetic Field Laboratory Ion Cyclotron Resonance Core Facility
(RRID:SCR_017361)

Resource Information

URL: <https://nationalmaglab.org/user-facilities/icr>

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Description: Facility provides service operations for sample analysis that requires ultrahigh resolution and high mass accuracy of Fourier Transform Ion Cyclotron Resonance. Used for research in biomolecular analysis, hydrogen-deuterium exchange and environmental and petrochemical analysis. Four FT-ICR mass spectrometers feature high magnetic fields including the world-record 21 tesla and are compatible with multiple ionization and fragmentation techniques.

Abbreviations: ICR, FT-ICR

Synonyms: National High Magnetic Field Laboratory Ion Cyclotron Resonance Facility, Ion Cyclotron Resonance Facility, NHMF Laboratory Cyclotron Resonance Facility

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

Keywords: FT-ICR, ICR, Ion Cyclotron Resonance, Fourier Transform Ion Cyclotron Resonance, analysis, spectrometer, magnetic, field, tesla, ionization, fragmentation, technique

Funding: NSF ;

NIH ;

Department of Defense ;

Department of Energy ;

Florida State

Availability: Restricted

Resource Name: National High Magnetic Field Laboratory Ion Cyclotron Resonance Core Facility

Resource ID: SCR_017361

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Record Last Update: 20250428T054050+0000

Ratings and Alerts

No rating or validation information has been found for National High Magnetic Field Laboratory Ion Cyclotron Resonance Core Facility.

No alerts have been found for National High Magnetic Field Laboratory Ion Cyclotron Resonance Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.