

Resource Summary Report

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Northwestern University Keck Interdisciplinary Surface Science Core Facility

RRID:SCR_026360

Type: Tool

Proper Citation

Northwestern University Keck Interdisciplinary Surface Science Core Facility
(RRID:SCR_026360)

Resource Information

URL: <https://www.nuance.northwestern.edu/facilities/keck-ii/index.html>

Proper Citation: Northwestern University Keck Interdisciplinary Surface Science Core Facility (RRID:SCR_026360)

Description: Core facilitates research, collaboration, education and outreach in all science from soft biological matter to hard physical matter, specializing in surface analysis and nano-scale characterization. Instruments include Time-of-Flight Secondary Ion Mass Spectrometry (ToF-SIMS), X-ray Photoelectron Spectroscopy (XPS), Fourier Transform Infrared Spectroscopy (FT-IR), Confocal Raman System, High Resolution Stylus Profilometer, 3D Optical Microscope, Spectroscopic Ellipsometer, and Zetasizer. Staff provides hand-on training, collaboration and assistance.

Abbreviations: Keck-II

Synonyms: Keck Interdisciplinary Surface Science Facility (Keck-II), Northwestern University Keck Interdisciplinary Surface Science Facility (Keck-II)

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

Keywords: ABRF, soft biological matter, hard physical matter, surface analysis, nano-scale characterization,

Availability: Open

Resource Name: Northwestern University Keck Interdisciplinary Surface Science Core Facility

Resource ID: SCR_026360

Alternate IDs: ABRF_707

Alternate URLs: <https://coremarketplace.org/?FacilityID=707&citation=1>

Record Creation Time: 20250201T053323+0000

Record Last Update: 20260806T054829+0000

Ratings and Alerts

No rating or validation information has been found for Northwestern University Keck Interdisciplinary Surface Science Core Facility.

No alerts have been found for Northwestern University Keck Interdisciplinary Surface Science Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Seo B, et al. (2026) Electrically Assisted Thermal Stamping of Tunable Carbon-Based Nanofilms for Direct Fabrication of Hydrophobic, Energy Harvesting, and Sensing Devices. *Advanced materials* (Deerfield Beach, Fla.), e16478.

Almunif S, et al. (2025) Engineering the Size of Bicontinuous Nanospheres via Multi-Inlet Vortex Mixing. *Nano letters*, 25(50), 17398.

Huang C, et al. (2025) Electrostatically Enhanced Buried Interface Binding of Self-Assembled Monolayers for Efficient And Stable Inverted Perovskite Solar Cells. *Advanced materials* (Deerfield Beach, Fla.), e08740.

Utama MIB, et al. (2025) Enabling ambient stability and quantum integration of organometallic magnonic ferrimagnets via atomic layer encapsulation. *Nature communications*, 16(1), 10546.

Lee S, et al. (2025) Examining Metal Identity and Proximity Effects on Acetylene Hydrogenation with Azolate-Based MOFs. *ACS applied materials & interfaces*, 17(50), 67989.

Nord MT, et al. (2025) Acid Stability of MIV (M = Zr, Hf, Ce, Th) UiO-66 MOFs from a Solution Perspective. *ACS applied materials & interfaces*, 17(14), 21357.