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, core facility, service resource

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: 20260905T133520+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 12 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

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.

Czibula C, et al. (2026) Structure and Sulfur: Tuning the Viscoelastic and Surface Properties of Natural Keratin Fibers. ACS materials Au, 6(1), 163.

Fine SG, et al. (2026) Photochromic Cholesteric Liquid Crystals via Arylazopyrazole Functionalization of Hydroxypropyl Cellulose. Advanced materials (Deerfield Beach, Fla.), 38(19), e20457.

Melle YJU, et al. (2026) Automatic identification of compounds in molecular mixtures from liquid-phase infrared spectra. Chemical science, 17(27), 13465.

Yang H, et al. (2026) Coulombic Metal-Organic Frameworks Assembled from ?-Stacked Organic Nodes and Polyoxometalate Inorganic Linkers. Journal of the American Chemical Society, 148(29), 31043.

Nashner AN, et al. (2026) Integrating Transcription Factors with Electrochemical Pendulum Bioanalysis for Hormone Detection. Journal of the American Chemical Society, 148(24), 24597.

Bardot MI, et al. (2026) Synthesis of Two-Dimensional Mechanically Interlocked Polymers at the Hundred-Gram Scale. Journal of the American Chemical Society, 148(20), 20631.

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

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

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.

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.