Resource Summary Report

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Northwestern University Electron Probe Instrumentation Center EPIC Core Facility

RRID:SCR_026361
Type: Tool

Proper Citation

Northwestern University Electron Probe Instrumentation Center EPIC Core Facility (RRID:SCR_026361)

Resource Information

URL: https://nuance.northwestern.edu/facilities/epic/

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Description: Offers wide range of electron microscopy (both transmission and scanning), accessory instrumentation, and expertise to the scientific and engineering community through education, collaboration, and service. Provides facilities for preparation and examination of many types of bulk and thin specimens (foils/films), fine particles, and replicas, including biological materials, by transmission and scanning electron microscopy.

Abbreviations: EPIC

Synonyms: , Northwestern University Electron Probe Instrumentation Center - EPIC - part of NUANCE, Electron Probe Instrumentation Center - EPIC - part of NUANCE

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

Keywords: ABRF, electron microscopy, transmission electron microscopy, scanning electron microscopy,

Resource Name: Northwestern University Electron Probe Instrumentation Center EPIC Core Facility

Resource ID: SCR_026361

Alternate IDs: ABRF_314

Alternate URLs: https://coremarketplace.org/?FacilityID=314&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 Electron Probe Instrumentation Center EPIC Core Facility.

No alerts have been found for Northwestern University Electron Probe Instrumentation Center EPIC Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 36 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.

Meier MC, et al. (2026) Investigating Structurally and Pigmentary Colored Featherworks via Noninvasive Methodologies. ACS omega, 11(17), 26029.

George JD, et al. (2026) Robust Interpretation of Electrochemical Impedance Spectra Using Numerical Complex Analysis. ACS measurement science au, 6(2), 324.

Chiu J, et al. (2026) High-Curvature Features Improve Targeting of Nanoconstructs with Small-Molecule Ligands. Nano letters, 26(13), 4394.

Guo AX, et al. (2026) High-? Block Copolymer Nanoreactors for the Confined Synthesis of Size-Controlled Nanoclusters. ACS nano, 20(23), 16760.

Kulaksizoglu A, et al. (2026) Discovering Complex Metal Chalcogenide Nanostructures through Nanoreactor-Mediated Synthesis. Journal of the American Chemical Society, 148(1), 1692.

Pavlovi? RZ, et al. (2026) Probing Supramolecular Motion with Nuclear Magnetic Resonance in Bioactive Scaffolds that Promote Neural Regeneration in the Central Nervous System. Journal of the American Chemical Society, 148(17), 18004.

Oh E, et al. (2026) Direct-Write Printing of Multifunctional Iontronic Composites That Sense, Rectify, and Actuate. ACS nano, 20(2), 2200.

Hegarty J, et al. (2026) Structure-Property Relationships for Moisture-Swing Direct Air Capture. Environmental science & technology, 60(16), 12145.

Pröschel A, et al. (2026) Extrusion-printed La3-xTe4 legs with interlocking Ni electrode for high-temperature thermoelectric devices. Nature communications, 17(1).

Metlushko A, et al. (2026) Design of Neuronal Supramolecular Scaffolds Integrating Cell Signaling and Electrical Conductivity. ACS biomaterials science & engineering, 12(4), 2285.

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.

Campo H, et al. (2026) Biocompatible designated Resin-3D-printed polymers exhibit reproductive toxicity prevented by Parylene-C. bioRxiv : the preprint server for biology.

Pradeep KR, et al. (2026) Ultrafast Carrier Self-Trapping Driven by Strong Exciton-Phonon Coupling in 2D MA3Bi2I6Cl3 Perovskite. Journal of the American Chemical Society, 148(6), 6299.

Liu X, et al. (2026) Programmable Stepwise Heteroepitaxial Growth of Colloidal Crystals With Different Phases. Advanced materials (Deerfield Beach, Fla.), 38(38), e73583.

Ye Z, et al. (2026) A Three-Component Strategy for Synthesizing High-Entropy Alloy Nanoparticles with High-Index Facets. Journal of the American Chemical Society, 148(17), 18095.

Viti MA, et al. (2026) Connecting the Dots: Discovery of the (M2Q3)2(AMQ2)n Homologous Series through Cs5Bi9S16 (n = 5). Inorganic chemistry, 65(21), 11759.

Ohi K, et al. (2025) Epigenetic aging in anxiety disorders: diagnostic subtype differences and associations with social functioning. BMC medicine, 23(1), 637.

Srour L, et al. (2025) Investigating telomere length in progeroid syndromes: implications for aging disorders. Aging, 17(5), 1190.

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.