

Resource Summary Report

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Purdue Electron Microscopy Center

RRID:SCR_022687

Type: Tool

Proper Citation

Purdue Electron Microscopy Center (RRID:SCR_022687)

Resource Information

URL: <https://ag.purdue.edu/department/arge/facilities-and-research/microscopy/index.html>

Proper Citation: Purdue Electron Microscopy Center (RRID:SCR_022687)

Description: Provides Purdue researchers access to electron microscopy instrumentation including scanning electron microscopes, small dual beams and transmission electron microscopes. Expert staff scientists help with training and project support.

Abbreviations: PEMC

Synonyms: Purdue Electron Microscopy Facility, Purdue University West Lafayette Purdue Electron Microscopy Facility, Purdue University Electron Microscopy Core Facility, Purdue University Life Science Microscopy Facility, Life Science Microscopy Core Facility

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

Keywords: USEDit, ABRF, scanning electron microscope, transmission electron microscopes

Availability: Restricted

Resource Name: Purdue Electron Microscopy Center

Resource ID: SCR_022687

Alternate IDs: ABRF_1504

Alternate URLs: <https://coremarketplace.org/?FacilityID=1504&citation=1>

Record Creation Time: 20220819T050145+0000

Record Last Update: 20260821T194223+0000

Ratings and Alerts

No rating or validation information has been found for Purdue Electron Microscopy Center.

No alerts have been found for Purdue Electron Microscopy Center.

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 [NIF](#) .

Sohal IS, et al. (2026) Exosome-like biogenesis from the Golgi releases extracellular vesicles lacking conventional tetraspanins that mediate immune evasion in cancer. bioRxiv : the preprint server for biology.

Niu Z, et al. (2026) Architectural Self-Assembled Fungal Mycelium for Nanofluidic Ion Regulation. ACS nano, 20(17), 12812.

Koons JF, et al. (2026) Oxygen Reduction at the Water|Oil|Electrode Interface Drives Tunable Transition Metal Hydroxide Electroprecipitation. The journal of physical chemistry letters, 17(19), 5569.

Cheng Q, et al. (2026) Self-grown mycelium in confined geometries as nanofluidic devices. Nature communications, 17(1).

Paul S, et al. (2026) Ambient, Bias-Free, Green Nanoparticle Synthesis via Microdroplet-Confined Galvanic Chemistry. Small (Weinheim an der Bergstrasse, Germany), e74248.

Stippell E, et al. (2025) Computational Screening of Ligands for Enhanced Interactions between Lead Halide Perovskite Quantum Dots. The journal of physical chemistry letters, 16(23), 5666.

Zhang Y, et al. (2025) Ultrastructural characterization of white adipocytes in a mouse model with enhanced sequestration of fatty acids in adipose tissue. Adipocyte, 14(1), 2531829.

Lee Y, et al. (2025) A cell fractionation and quantitative proteomics pipeline to enable functional analyses of cotton fiber development. The Plant journal : for cell and molecular biology, 121(4), e17246.

Koons JF, et al. (2025) Oxygen Reduction Allows Morphology-Tunable Copper Nanoparticle Electrodeposition from Aqueous Nanodroplets. Langmuir : the ACS journal of surfaces and colloids, 41(8), 5524.

Wei L, et al. (2025) Enzymatic deamidation reinforces thermal resilience of whey protein to reduce turbidity. International journal of biological macromolecules, 337(Pt 2), 149494.

Paul S, et al. (2024) Anodic Electrodeposition of IrO_x Nanoparticles from Aqueous Nanodroplets. ACS nanoscience Au, 4(3), 216.

Reyes-Morales J, et al. (2024) Room Temperature Electrochemical-Shock Synthesis of Solid-Solution Medium-Entropy Alloy Nanoparticles for Hydrogen Evolution. Langmuir : the ACS journal of surfaces and colloids, 40(46), 24272.