Resource Summary Report

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Colorado University at Boulder Facility for Electron Microscopy of Materials Core Facility

RRID:SCR_019306
Type: Tool

Proper Citation

Colorado University at Boulder Facility for Electron Microscopy of Materials Core Facility (RRID:SCR_019306)

Resource Information

URL: https://www.colorado.edu/lab/cufemm/

Proper Citation: Colorado University at Boulder Facility for Electron Microscopy of Materials Core Facility (RRID:SCR_019306)

Description: Facility features electron microscopes housed in vibration, static-free, and temperature-controlled environment.

Abbreviations: CU FEMM

Synonyms: Facility for Electron Microscopy of Materials CU FEMM

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

Keywords: USEDit, ABRF, ABRF

Resource Name: Colorado University at Boulder Facility for Electron Microscopy of Materials Core Facility

Resource ID: SCR_019306

Alternate IDs: ABRF_1101

Alternate URLs: https://coremarketplace.org/?FacilityID=1101

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260912T200409+0000

Ratings and Alerts

No rating or validation information has been found for Colorado University at Boulder Facility for Electron Microscopy of Materials Core Facility.

No alerts have been found for Colorado University at Boulder Facility for Electron Microscopy of Materials Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

MacHale LT, et al. (2026) Identifying Disordered Intermediates in the Reaction of Cu3-xP and Dibenzyl Diselenide to form Cu3PSe4 Nanoparticles. Journal of the American Chemical Society, 148(29), 31130.

Hammel BF, et al. (2026) Structural and Compositional Evolution of Colloidal In1-xGaxP1-yAsy Nanocrystals during Cation Exchange Revealed by Electron Microscopy. ACS nano, 20(7), 5506.

Curry SD, et al. (2025) Binding affinity and transport studies of engineered photocrosslinkable affibody-enzyme-nanoparticle constructs. Nanoscale advances, 7(8), 2239.

Nguyen HA, et al. (2024) Colossal Core/Shell CdSe/CdS Quantum Dot Emitters. ACS nano.

O'Connor MM, et al. (2024) Charge Concentration Limits the Hydrogen Evolution Rate in Organic Nanoparticle Photocatalysts. Advanced materials (Deerfield Beach, Fla.), 36(20), e2210481.

Solti D, et al. (2024) Reduced-Dimensionality Al Nanocrystals: Nanowires, Nanobars, and Nanomoustaches. Nano letters, 24(23), 6897.

Ondry JC, et al. (2024) Reductive pathways in molten inorganic salts enable colloidal synthesis of III-V semiconductor nanocrystals. Science (New York, N.Y.), 386(6720), 401.

Gallagher S, et al. (2024) Ligand Equilibrium Influences Photoluminescence Blinking in CsPbBr3: A Change Point Analysis of Widefield Imaging Data. ACS nano, 18(29), 19208.

Pham HTB, et al. (2022) Imparting Functionality and Enhanced Surface Area to a 2D Electrically Conductive MOF via Macrocyclic Linker. Journal of the American Chemical Society, 144(23), 10615.

Knobloch JL, et al. (2022) Structural and Elastic Properties of Empty-Pore Metalattices Extracted via Nondestructive Coherent Extreme UV Scatterometry and Electron

Tomography. ACS applied materials & interfaces, 14(36), 41316.

Metzroth LJT, et al. (2021) Accelerating Hydrogen Absorption and Desorption Rates in Palladium Nanocubes with an Ultrathin Surface Modification. Nano letters, 21(21), 9131.