Resource Summary Report

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Texas A and M University AggieFab Nanofabrication Core Facility

RRID:SCR_023639
Type: Tool

Proper Citation

Texas A and M University AggieFab Nanofabrication Core Facility (RRID:SCR_023639)

Resource Information

URL: https://aggiefab.tamu.edu/

Proper Citation: Texas A and M University AggieFab Nanofabrication Core Facility (RRID:SCR_023639)

Description: Shared nano/microfabrication facility located on the 1st floor of the Frederick E. Giesecke Engineering Research Building at Texas A&M University. Provides equipment for range of microscale and nanoscale fabrication of diverse materials, nanopatterning and deposition equipment. Equipment include Zeiss Orion Helium Ion Microscope/Nanofab, FEI Helios DualBeam Focused Ion Beam (FIB), ASM Atomic Layer Deposition (ALD) tool, Clustex Multi-target deposition tool, Oxford Estrelas DRIE tool, Heidelberg MLA150 Maskless Lithography tool.

Synonyms: AggieFab, AggieFab Nanofabrication Facility

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

Keywords: USEDit, ABRF, nanofabrication, microfabrication, diverse materials, nanopatterning and deposition,

Funding:

Resource Name: Texas A and M University AggieFab Nanofabrication Core Facility

Resource ID: SCR_023639

Alternate IDs: ABRF_1778

Alternate URLs: https://coremarketplace.org/?FacilityID=1778&citation=1

Record Creation Time: 20230601T050210+0000

Record Last Update: 20250407T220806+0000

Ratings and Alerts

No rating or validation information has been found for Texas A and M University AggieFab Nanofabrication Core Facility.

No alerts have been found for Texas A and M University AggieFab Nanofabrication Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Wang Y, et al. (2024) Electrochemical imaging of neurotransmitter release with fast-scan voltammetric ion conductance microscopy. Science advances, 10(50), eado9322.

Alden SE, et al. (2024) High-Throughput Single-Entity Electrochemistry with Microelectrode Arrays. Analytical chemistry, 96(22), 9177.

Cherukuri R, et al. (2024) High-Throughput 3D-Printed Model of the Feto-Maternal Interface for the Discovery and Development of Preterm Birth Therapies. ACS applied materials & interfaces, 16(32), 41892.

Han JJ, et al. (2024) High-Efficiency Interdigitated Electrode-Based Droplet Merger for Enabling Error-Free Droplet Microfluidic Systems. Analytical chemistry, 96(34), 13906.