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,

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: 20260805T044518+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 9 mentions in open access literature.

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

Cherukuri R, et al. (2026) Reducing Small Molecule Adsorption in a PDMS-Based Microphysiological System of the Female Reproductive Tract via Parylene-C Coating to Improve Mechanistic Studies. ACS applied materials & interfaces, 18(2), 3565.

Alden SE, et al. (2025) Optically Transparent Carbon-Silicon Nitride Windows for Correlative Structural and Electrochemical Analysis of Nanomaterials. Analytical chemistry, 97(22), 11798.

Li Y, et al. (2025) Rapid filamentous fungi gene knockout identification through high-throughput droplet microfluidics. Analytica chimica acta, 1358, 344094.

Saylor LM, et al. (2025) Exosomal Delivery of Interleukin-10 Reduces Infection-Associated Inflammation in a 3D-Printed Model of a Humanized Feto-Maternal Interface. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(10), e70634.

Lam PY, et al. (2025) Enhanced operation of female reproductive microphysiological system (MPS) for rapid mechanistic study. Micro and nano systems letters, 13(1), 26.

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.