Resource Summary Report

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Texas A and M University Microscopy and Imaging Center Core Facility

RRID:SCR_022128
Type: Tool

Proper Citation

Texas A and M University Microscopy and Imaging Center Core Facility (RRID:SCR_022128)

Resource Information

URL: https://microscopy.tamu.edu/

Proper Citation: Texas A and M University Microscopy and Imaging Center Core Facility (RRID:SCR_022128)

Description: Core with expertise in Transmission Electron Microscopy, Scanning Electron Microscopy, Light Microscopy, and supporting instruments. Staff members provide quality training and education through sessions, short courses, formal courses, open house seminars, and more.

Abbreviations: MIC

Synonyms: TAMU-Microscopy and Imaging Center, Texas A&M University TAMU-Microscopy and Imaging Center

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

Keywords: USEDit, ABRF, Transmission Electron Microscopy, Scanning Electron Microscopy, Light Microscopy

Funding:

Availability: open

Resource Name: Texas A and M University Microscopy and Imaging Center Core Facility

Resource ID: SCR_022128

Alternate IDs: ABRF_1123

Alternate URLs: https://coremarketplace.org/?FacilityID=1123

Record Creation Time: 20220421T050138+0000

Record Last Update: 20250407T220638+0000

Ratings and Alerts

No rating or validation information has been found for Texas A and M University Microscopy and Imaging Center Core Facility.

No alerts have been found for Texas A and M University Microscopy and Imaging Center Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Kulesa KM, et al. (2024) Interfacing High-Throughput Electrosynthesis and Mass Spectrometric Analysis of Azines. Analytical chemistry, 96(21), 8249.

Hasan MK, et al. (2024) Role of glycogen metabolism in Clostridioides difficile virulence. mSphere, 9(9), e0031024.

Singh KA, et al. (2024) Atomic vacancies of molybdenum disulfide nanoparticles stimulate mitochondrial biogenesis. Nature communications, 15(1), 8136.

Arole K, et al. (2024) Effects of Intercalation on ML-Ti3C2Tz MXene Properties and Friction Performance. ACS applied materials & interfaces, 16(46), 64156.

Rijal R, et al. (2024) Gallein potentiates isoniazid's ability to suppress Mycobacterium tuberculosis growth. Frontiers in microbiology, 15, 1369763.

Nitschke BM, et al. (2024) Shape Memory Polymer Bioglass Composite Scaffolds Designed to Heal Complex Bone Defects. ACS biomaterials science & engineering, 10(10), 6509.

Sharma A, et al. (2024) Self-Exfoliated Guanidinium Covalent Organic Nanosheets as High-Capacity Curcumin Carrier. Biomimetics (Basel, Switzerland), 9(11).

Hernandez JR, et al. (2024) A fluorescently-tagged tick kinin neuropeptide triggers peristalsis and labels tick midgut muscles. Scientific reports, 14(1), 10863.

Rijal R, et al. (2024) Gallein and isoniazid act synergistically to attenuate Mycobacterium tuberculosis growth in human macrophages. bioRxiv : the preprint server for biology.

Nerber HN, et al. (2024) The small acid-soluble proteins of Clostridioides difficile regulate sporulation in a SpoIVB2-dependent manner. PLoS pathogens, 20(8), e1012507.

Benavides OR, et al. (2024) Comparison of polystyrene and hydrogel microcarriers for optical imaging of adherent cells. Journal of biomedical optics, 29(Suppl 2), S22708.

Chen TA, et al. (2024) Engineering a robust and anisotropic cardiac-specific extracellular matrix scaffold for cardiac patch tissue engineering. Matrix biology plus, 23, 100151.

Wen JR, et al. (2024) Chemical and Structural Stability of CsPbX3 Nanorods during Postsynthetic Anion-Exchange: Implications for Optoelectronic Functionality. ACS applied nano materials, 7(3), 3024.

Mahnaz F, et al. (2024) Intermediate Transfer Rates and Solid-State Ion Exchange are Key Factors Determining the Bifunctionality of In2O3/HZSM-5 Tandem CO2 Hydrogenation Catalyst. ACS sustainable chemistry & engineering, 12(13), 5197.

Personick ML, et al. (2024) Nanomaterials Synthesis Discovery via Parallel Electrochemical Deposition. Chemistry of materials : a publication of the American Chemical Society, 36(6), 3034.

Arole K, et al. (2024) Annealing Ti3C2Tz MXenes to Control Surface Chemistry and Friction. ACS applied materials & interfaces, 16(5), 6290.

Vice Z, et al. (2024) Superhydrophobic coatings reduce human bacterial foodborne pathogen attachment to woods used in fresh produce harvest and postharvest packing. Food microbiology, 123, 104586.

Wang S, et al. (2024) Reconfigurable Growth of Engineered Living Materials. Advanced materials (Deerfield Beach, Fla.), e2309818.

Nerber HN, et al. (2023) The small acid-soluble proteins of Clostridioides difficile regulate sporulation in a SpoIVB2-dependent manner. bioRxiv : the preprint server for biology.

Shepherd RE, et al. (2023) Yeast Mitochondria Import Aqueous FeII and, When Activated for Iron-Sulfur Cluster Assembly, Export or Release Low-Molecular-Mass Iron and Also Export Iron That Incorporates into Cytosolic Proteins. Journal of the American Chemical Society, 145(25), 13556.