Resource Summary Report

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Texas A and M University Soft Matter Core Facility

RRID:SCR_022482
Type: Tool

Proper Citation

Texas A and M University Soft Matter Core Facility (RRID:SCR_022482)

Resource Information

URL: https://somf.engr.tamu.edu/

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Description: Facility is focused on characterization of multifunctional soft materials. Includes four instrumentation suites based on soft matter centered research areas which will be unified by general theme of characterization of hierarchically structured multicomponent, multifunctional soft materials: Molecular Characterization, Processing and Mechanics, Thin Films and Interfacial Analysis, and Nanostructure Characterization.

Abbreviations: SoMF

Synonyms: Texas A&M University Soft Matter Facility, Soft Matter Facility

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

Keywords: USEDit, ABRF, multifunctional soft materials characterization

Funding:

Resource Name: Texas A and M University Soft Matter Core Facility

Resource ID: SCR_022482

Alternate IDs: ABRF_1455

Alternate URLs: https://coremarketplace.org/?FacilityID=1455&citation=1

Record Creation Time: 20220614T050142+0000

Record Last Update: 20250407T220656+0000

Ratings and Alerts

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

No alerts have been found for Texas A and M University Soft Matter Core Facility.

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 RRID.

Schoonover KG, et al. (2024) Bridging polymer architecture, printability, and properties by digital light processing of block copolycarbonates. Chemical science, 15(35), 14228.

Tran TQ, et al. (2024) 3D Printed Carbon Nanotube/Phenolic Composites for Thermal Dissipation and Electromagnetic Interference Shielding. ACS applied materials & interfaces, 16(50), 69929.

Hancock SN, et al. (2023) Ring-opening metathesis polymerization of N-methylpyridinium-fused norbornenes to access antibacterial main-chain cationic polymers. Proceedings of the National Academy of Sciences of the United States of America, 120(51), e2311396120.

Kempel SJ, et al. (2023) cis-Selective Acyclic Diene Metathesis Polymerization of ?,?-Dienes. Journal of the American Chemical Society, 145(23), 12459.

Starvaggi NC, et al. (2023) Wettability-tuned silica particles for emulsion-templated microcapsules. Soft matter, 19(39), 7635.

Ma T, et al. (2023) The role of the electrolyte in non-conjugated radical polymers for metal-free aqueous energy storage electrodes. Nature materials, 22(4), 495.

Wu JW, et al. (2023) Synthesis of Degradable Polysulfamides via Sulfur(VI) Fluoride Exchange Click Polymerization of AB-Type Monomers. ACS polymers Au, 3(3), 259.

Ma T, et al. (2023) Charge Transfer in Spatially Defined Organic Radical Polymers. Chemistry of materials : a publication of the American Chemical Society, 35(21), 9346.

Wu Z, et al. (2023) Investigating the Hydrogen Bond-Induced Self-Assembly of

Polysulfamides Using Molecular Simulations and Experiments. Macromolecules, 56(13), 5033.

Hsu TW, et al. (2023) Stereocontrolled acyclic diene metathesis polymerization. Nature chemistry, 15(1), 14.

Javed M, et al. (2022) Programmable Shape Change in Semicrystalline Liquid Crystal Elastomers. ACS applied materials & interfaces, 14(30), 35087.

Sarmah A, et al. (2022) Recycle and Reuse of Continuous Carbon Fibers from Thermoset Composites Using Joule Heating. ChemSusChem, 15(21), e202200989.