

Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

Texas Advanced Computing Center

RRID:SCR_012530

Type: Tool

Proper Citation

Texas Advanced Computing Center (RRID:SCR_012530)

Resource Information

URL: <https://tacc.utexas.edu/>

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Description: Texas Advanced Computing Center (TACC) at The University of Texas at Austin is one of the leading centers of computational excellence in the United States. Located on the J.J. Pickle Research Campus, the center's mission is to enable discoveries that advance science and society through the application of advanced computing technologies. To fulfill this mission, TACC identifies, evaluates, deploys, and supports powerful computing, visualization, and storage systems and software. TACC staff help researchers and educators use these technologies effectively, and conduct research and development to make these technologies more powerful, more reliable, and easier to use. TACC staff also help encourage, educate, and train the next generation of researchers, empowering them to make discoveries that change the world.

Abbreviations: TACC

Synonyms: UT Austin Texas Advanced Computing Center (TACC), UT Austin Texas Advanced Computing Center, University of Texas at Austin Texas Advanced Computing Center, University of Texas at Austin Texas Advanced Computing Center (TACC)

Resource Type: portal, organization portal, data or information resource

Resource Name: Texas Advanced Computing Center

Resource ID: SCR_012530

Alternate IDs: SciEx_4326

Old URLs: <http://www.scienceexchange.com/facilities/texas-advanced-computing-center-tacc>

Record Creation Time: 20220129T080310+0000

Ratings and Alerts

No rating or validation information has been found for Texas Advanced Computing Center.

No alerts have been found for Texas Advanced Computing Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 64 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Matthews ER, et al. (2025) Anthracyclines induce global changes in cardiomyocyte chromatin accessibility that overlap with cardiovascular disease loci. *bioRxiv : the preprint server for biology*.

Donahue MM, et al. (2025) CA2 neurons show abnormal responses to social stimuli in a rat model of Fragile X syndrome. *bioRxiv : the preprint server for biology*.

Goodwin HV, et al. (2025) PPI-ID: Streamlining protein-protein interaction prediction through domain and SLiM mapping. *PLoS computational biology*, 21(10), e1013062.

Jaczynska K, et al. (2025) A lever hypothesis for Synaptotagmin-1 action in neurotransmitter release. *Proceedings of the National Academy of Sciences of the United States of America*, 122(1), e2417941121.

Kazempour S, et al. (2025) ZipAER: A compressive convolutional autoencoder for high-dimensional spatial omics data at subcellular resolution. *Research square*.

Ji K, et al. (2025) Probing the anion binding promiscuity of the soluble nitrate sensor NreA from *Staphylococcus carnosus*. *Communications chemistry*, 8(1), 275.

Medvedev KE, et al. (2025) Leveraging AI to explore structural contexts of post-translational modifications in drug binding. *Journal of cheminformatics*, 17(1), 67.

Ramirez P, et al. (2025) Long-read sequencing reveals genomic and epigenomic variation in the dark genome of human Alzheimer's disease. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(11), e70852.

Dehkordi SK, et al. (2025) Identification of markers for neurogenesis through transcriptomic profiling of postmortem human brains. *Research square*.

Giese TJ, et al. (2025) FE-ToolKit: A Versatile Software Suite for Analysis of High-Dimensional Free Energy Surfaces and Alchemical Free Energy Networks. *Journal of*

chemical information and modeling, 65(11), 5273.

Hiremath KC, et al. (2025) Identifiability and model selection frameworks for models of high-grade glioma response to chemoradiation. Philosophical transactions. Series A, Mathematical, physical, and engineering sciences, 383(2293), 20240212.

Leech G, et al. (2025) Photoactivatable Ru(II) polypyridyl complexes as dual action modulators of amyloid-beta peptide aggregation and Cu redox cycling. Chemical science, 16(44), 20914.

Matthews ER, et al. (2025) Anthracyclines induce global changes in cardiomyocyte chromatin accessibility that overlap with cardiovascular disease loci. PLoS genetics, 21(10), e1011900.

Ramirez P, et al. (2025) Long-read sequencing-based analyses of the adult Drosophila brain transcriptome in physiological and pathological settings. BMC genomics, 26(1), 913.

Vasiliauskas D, et al. (2025) On the Mechanism of Ezrin Activation. bioRxiv : the preprint server for biology.

Qi K, et al. (2025) Topological and functional characterization of human translation efficiency covariation network. Bioinformatics (Oxford, England), 41(11).

Zhang M, et al. (2025) Robust Mixed Model Association Test for Gene-Environment Interactions. medRxiv : the preprint server for health sciences.

Robson E, et al. (2025) Social odors drive hippocampal CA2 place cell responses to social stimuli. Progress in neurobiology, 245, 102708.

Rizo J, et al. (2025) Evaluation of synaptotagmin-1 action models by all-atom molecular dynamics simulations. FEBS open bio, 15(5), 699.

Zhu K, et al. (2025) Prospective clinical performance of CoVarScan in identifying SARS-CoV-2 Omicron subvariants. Microbiology spectrum, 13(1), e0138524.