# 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:** data or information resource, portal, organization portal

**Funding:**

**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

**Record Last Update:** 20250422T055650+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 30 mentions in open access literature.

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

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

Zhang X, et al. (2025) Prevalence of Transcription Factor 4 Gene Triplet Repeat Expansion Associated with Fuchs' Endothelial Corneal Dystrophy in the United States and Global Populations. Ophthalmology science, 5(1), 100611.

Hoff FW, et al. (2024) A Novel Subtype of Acquired Generalized Lipodystrophy Associated With Subcutaneous Panniculitis-Like T-cell Lymphoma. JCEM case reports, 2(5), luae069.

Jaczynska K, et al. (2024) A lever hypothesis for Synaptotagmin-1 action in neurotransmitter release. bioRxiv : the preprint server for biology.

Sun X, et al. (2024) Impact of setup errors on the robustness of linac-based single-isocenter coplanar and non-coplanar VMAT plans for multiple brain metastases. Journal of applied clinical medical physics, 25(7), e14317.

Guan F, et al. (2024) Interpreting the biological effects of protons as a function of physical quantity: linear energy transfer or microdosimetric lineal energy spectrum? Scientific reports, 14(1), 25181.

Fulton BB, et al. (2024) Room Temperature Diels-Alder Reactions of 4-Vinylimidazoles. Molecules (Basel, Switzerland), 29(8).

Burroughs MR, et al. (2024) Optimized chemical labeling method for isolation of 8-oxoG-modified RNA, ChLoRox-Seq, identifies mRNAs enriched in oxidation and transcriptome-wide distribution biases of oxidation events post environmental stress. RNA biology, 21(1), 132.

Agarwal S, et al. (2024) Partial Lipodystrophy Affecting the Extremities in a Young Woman With Autoimmune Polyglandular Syndrome 1. JCEM case reports, 2(10), luae166.

Tarvin RD, et al. (2024) Passive accumulation of alkaloids in inconspicuously colored frogs refines the evolutionary paradigm of acquired chemical defenses. eLife, 13.

Donahue MM, et al. (2024) Hippocampal place cell sequences are impaired in a rat model of Fragile X Syndrome. bioRxiv : the preprint server for biology.

Rizo J, et al. (2024) Molecular mechanism underlying SNARE-mediated membrane fusion enlightened by all-atom molecular dynamics simulations. Proceedings of the National Academy of Sciences of the United States of America, 121(16), e2321447121.

Liu Y, et al. (2024) Translation efficiency covariation across cell types is a conserved organizing principle of mammalian transcriptomes. bioRxiv : the preprint server for biology.

Hobosyan MA, et al. (2024) Computational and experimental data for undoped and Er-doped lithium tantalate nanofluorescent probes. Data in brief, 56, 110771.

Lafuente-Bartolome J, et al. (2024) Topological polarons in halide perovskites. Proceedings of the National Academy of Sciences of the United States of America, 121(21), e2318151121.

Chacko J, et al. (2024) RiboGraph: an interactive visualization system for ribosome profiling data at read length resolution. Bioinformatics (Oxford, England), 40(6).

Thiyagarajan VV, et al. (2024) Sparse Annotation is Sufficient for Bootstrapping Dense Segmentation. bioRxiv : the preprint server for biology.

Chinnam NB, et al. (2024) ASCC1 structures and bioinformatics reveal a novel helix-clasp-helix RNA-binding motif linked to a two-histidine phosphodiesterase. The Journal of biological chemistry, 300(6), 107368.

Gustafsson M, et al. (2024) Unlocking the secret life of blue mussels: Exploring connectivity in the Skagerrak through biophysical modeling and population genomics. Evolutionary applications, 17(5), e13704.

Cicero C, et al. (2024) Arctos: Community-driven innovations for managing natural and cultural history collections. PloS one, 19(5), e0296478.