

Resource Summary Report

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University of Pittsburgh Center for Research Computing Core Facility

RRID:SCR_022735

Type: Tool

Proper Citation

University of Pittsburgh Center for Research Computing Core Facility
(RRID:SCR_022735)

Resource Information

URL: <http://crc.pitt.edu>

Proper Citation: University of Pittsburgh Center for Research Computing Core Facility
(RRID:SCR_022735)

Description: Supports leading edge research with free access to advanced computing hardware and software.

Synonyms: Center for Research Computing

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

Keywords: USEDit, ABRF, advanced computing hardware and software services

Funding: NIH Office of the Director S10OD028483

Resource Name: University of Pittsburgh Center for Research Computing Core Facility

Resource ID: SCR_022735

Alternate IDs: ABRF_1544

Alternate URLs: <https://coremarketplace.org/?FacilityID=1544&citation=1>

Record Creation Time: 20220913T050150+0000

Record Last Update: 20260806T054747+0000

Ratings and Alerts

No rating or validation information has been found for University of Pittsburgh Center for Research Computing Core Facility.

No alerts have been found for University of Pittsburgh Center for Research Computing Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 241 mentions in open access literature.

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

Banihashemi L, et al. (2026) The promise of infant MRI in psychiatry: toward a framework for neural network measures in early emotional and behavioral risk identification and new intervention targets. *Molecular psychiatry*, 31(1), 444.

Francette AM, et al. (2026) Evolutionary conservation and innovations of RNA polymerase II transcription elongation factors. *bioRxiv : the preprint server for biology*.

Fan J, et al. (2025) Expanding the DNA Motif Lexicon of the Transcriptional Regulatory Code. *bioRxiv : the preprint server for biology*.

Chu C, et al. (2025) Brain Morphometrics Correlations With Age Among 350 Participants Imaged With Both 3T and 7T MRI: 7T Improves Statistical Power and Reduces Required Sample Size. *Human brain mapping*, 46(4), e70195.

Bintrim SJ, et al. (2025) Optimal-Reference Excited State Methods: Static Correlation at Polynomial Cost with Single-Reference Coupled-Cluster Approaches. *Journal of chemical theory and computation*, 21(8), 4080.

Li H, et al. (2025) Operando Unveiling of Hydrogen Spillover Mechanisms on Tungsten Oxide Surfaces. *Journal of the American Chemical Society*, 147(8), 6472.

Sun ZY, et al. (2025) AntiBMPNN: Structure-Guided Graph Neural Networks for Precision Antibody Engineering. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e04278.

Tripplehorn SA, et al. (2025) A direct interaction between the Chd1 CHCT domain and Rtf1 controls Chd1 distribution and nucleosome positioning on active genes. *Nucleic acids research*, 53(16).

Towarnicky A, et al. (2025) Morphology Effects on Free Energies of Proton-Coupled Electron Transfer in Polyoxotungstates. *Inorganic chemistry*, 64(49), 23834.

Casares-Marfil D, et al. (2025) DNA Methylation Profiling in Childhood-Onset Lupus Reveals Distinct Epigenetic Clusters and Suggests Epigenetic Drivers of Disease Activity.

medRxiv : the preprint server for health sciences.

Gildengers AG, et al. (2025) The LATTICE Study: Design of a pilot feasibility randomized controlled trial of lithium to delay cognitive decline in mild cognitive impairment. *Alzheimer's & dementia* (New York, N. Y.), 11(2), e70112.

Ji B, et al. (2025) A Full-Spectrum Generative Lead Discovery (FSGLD) Pipeline via DRUG-GAN: A Multiscale Method for Drug-like/Target-specific Compound Library Generation. *Research square*.

Yu Z, et al. (2025) Association of Long-Term Body Mass Index Variability With the Development of Heart Failure With Preserved Ejection Fraction and Heart Failure With Reduced Ejection Fraction Across Patterns of Weight Change. *Journal of the American Heart Association*, 14(18), e039976.

Wang DY, et al. (2025) AI-Assisted Protein-Peptide Complex Prediction in a Practical Setting. *Journal of computational chemistry*, 46(14), e70137.

Maniar R, et al. (2025) Atomic ionization: sd energy imbalance and Perdew-Zunger self-interaction correction energy penalty in 3d atoms. *Proceedings of the National Academy of Sciences of the United States of America*, 122(10), e2418305122.

Vahedifard F, et al. (2025) Maximum and minimum activity in inpatient adolescents with Bipolar Disorders: Daily-Variability classification of actigraphy pattern with artificial intelligence. *Psychiatry research communications*, 5(2).

Alturaifi TM, et al. (2025) A database of steric and electronic properties of heteroaryl substituents. *Scientific data*, 12(1), 1319.

Chen T, et al. (2025) Single-cell transcriptomic analysis identified resistant MDSCs and a stress-tolerant gene co-expression network as common MDSC features across multiple disease settings. *Frontiers in immunology*, 16, 1565211.

Zhai J, et al. (2025) NNKcat: deep neural network to predict catalytic constants (Kcat) by integrating protein sequence and substrate structure with enhanced data imbalance handling. *Briefings in bioinformatics*, 26(3).

Westbrook CA, et al. (2025) The role of reward-related brain activity in response to treatment and later depression severity: data from a randomized controlled trial in early adolescents with anxiety disorders. *Translational psychiatry*, 15(1), 286.