

Resource Summary Report

Generated by NIF on Aug 4, 2026

Penn State Institute of Computational and Data Sciences Roar Core Facility

RRID:SCR_026424

Type: Tool

Proper Citation

Penn State Institute of Computational and Data Sciences Roar Core Facility
(RRID:SCR_026424)

Resource Information

URL: <https://www.icds.psu.edu/roar-collab/>

Proper Citation: Penn State Institute of Computational and Data Sciences Roar Core Facility (RRID:SCR_026424)

Description: Provides advanced cyberinfrastructure resources including large scale compute and data storage. to the Penn State University research community under the operation of the Institute of Computational and Data Sciences

Synonyms: Roar Core Facility

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

Keywords: High Performance Computing and Collaboration, cyberinfrastructure, data storage,

Availability: Restricted

Resource Name: Penn State Institute of Computational and Data Sciences Roar Core Facility

Resource ID: SCR_026424

Alternate URLs: <https://icds.psu.edu/>

Record Creation Time: 20250215T060332+0000

Record Last Update: 20260804T043917+0000

Ratings and Alerts

No rating or validation information has been found for Penn State Institute of Computational and Data Sciences Roar Core Facility.

No alerts have been found for Penn State Institute of Computational and Data Sciences Roar Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Tan SI, et al. (2026) High yield production of 3-hydroxypropionic acid using *Issatchenkia orientalis*. Nature communications.

Hu M, et al. (2025) Parameterization of cell-free systems with time-series data using KETCHUP. PLoS computational biology, 21(11), e1013724.

Hartley AD, et al. (2025) MechFind: A computational framework for de novo prediction of enzyme mechanisms. bioRxiv : the preprint server for biology.

Amoah EI, et al. (2025) FloralArea: AI-powered algorithm for automated calculation of floral area from flower images to support plant and pollinator research. PloS one, 20(9), e0332165.

Willis TC, et al. (2025) Reconstruction of a resource balance analysis model of *Clostridium thermocellum* examines the metabolic cost of glycolytic and cellulosome enzymes. Metabolic engineering, 93, 14.