Resource Summary Report

Generated by RRID on Apr 10, 2025

University of Chicago PaleoCT Core Facility

RRID:SCR_024763
Type: Tool

Proper Citation

University of Chicago PaleoCT Core Facility (RRID:SCR_024763)

Resource Information

URL: https://luolab.uchicago.edu/paleoct/

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Description: Core utilizes dual tube micro X-ray computed tomography scanner for imaging specimens in fields of paleontology, comparative anatomy, evolution and development, basic biomedical studies, and research in geology and material sciences.It is equipped with 180 kV nano-focus and high power 240 kV micro-focus CT tube. This setup allows to scan very small specimens with high resolution using nano tube or dense fossils using high power tube.

Synonyms: , University of Chicago PaleoCT Lab, UChicago PaleoCT

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

Keywords: dual tube micro X-ray computed tomography scanner, computed tomography scanner,

Funding:

Availability: Open

Resource Name: University of Chicago PaleoCT Core Facility

Resource ID: SCR_024763

Alternate IDs: ABRF_2565

Alternate URLs: https://coremarketplace.org/?FacilityID=2565&citation=1

Record Creation Time: 20231207T050223+0000

Record Last Update: 20250410T071821+0000

Ratings and Alerts

No rating or validation information has been found for University of Chicago PaleoCT Core Facility.

No alerts have been found for University of Chicago PaleoCT Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Wilken AT, et al. (2024) A new biomechanical model of the mammal jaw based on load path analysis. The Journal of experimental biology, 227(18).

Reinecke T, et al. (2024) Raccoons Reveal Hidden Diversity in Trabecular Bone Development. Integrative organismal biology (Oxford, England), 6(1), obae038.

Jamison-Todd S, et al. (2024) New occurrences of the bone-eating worm Osedax from Late Cretaceous marine reptiles and implications for its biogeography and diversification. Proceedings. Biological sciences, 291(2020), 20232830.