Resource Summary Report

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University of Pennsylvania Perelman School of Medicine Center for Biomedical Image Computing and Analytics Core Facility

RRID:SCR_022397
Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine Center for Biomedical Image Computing and Analytics Core Facility (RRID:SCR_022397)

Resource Information

URL: https://www.med.upenn.edu/cbica/

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Description: Offers development and application of advanced computational and analytical techniques that quantify morphology and function from biomedical images, as well as on relating imaging phenotypes to genetic and molecular characterizations, and on integrating this information into diagnostic and predictive tools in era of personalized medicine. Computational methods can contribute significantly to automated, reproducible and quantitative interpretations of biomedical images. Translates advanced computational and analytical imaging methods to clinic, by providing forum in which interactions between researchers and clinicians facilitate bidirectional flow of ideas, algorithms and data between laboratory and clinic.

Abbreviations: CBICA

Synonyms: University of Pennsylvania Perelman School of Medicine Center for Biomedical Image Computing & Analytics (CBICA), Center for Biomedical Image Computing & Analytics (CBICA)

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

Keywords: USEDit, ABRF

Resource Name: University of Pennsylvania Perelman School of Medicine Center for Biomedical Image Computing and Analytics Core Facility

Resource ID: SCR_022397

Alternate IDs: ARBF_1406

Alternate URLs: https://coremarketplace.org?citation=1&FacilityID=1406

Record Creation Time: 20220602T050140+0000

Record Last Update: 20260905T133425+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Center for Biomedical Image Computing and Analytics Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Center for Biomedical Image Computing and Analytics Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Shen L, et al. (2023) Feature interaction network based on hierarchical decoupled convolution for 3D medical image segmentation. PloS one, 18(7), e0288658.