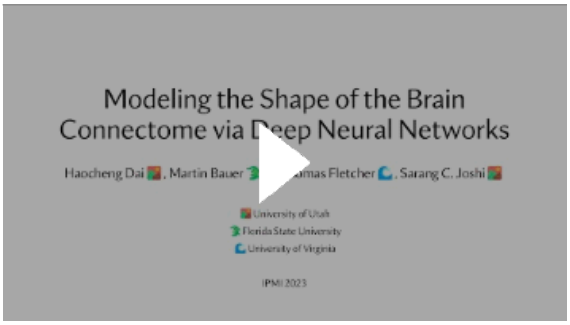
Medical Imageing papers

31 January 2025 17:07

1. Modeling the Shape of the Brain Connectome via Deep Neural Networks

From <https://github.com/aarentai/Metric-Cnn-3D-IPMI?utm_source=catalyzex.com>

Modeling the Shape of the Brain Connectome via Deep Neural Networks



https://github.com/aarentai/Metric-Cnn-3D-IPMI?utm_source=catalyzex.com

2. A Bayesian network for simultaneous keyframe and landmark detection in ultrasonic cine

From <https://www.sciencedirect.com/science/article/pii/S1361841524001531?via%3Dihub>

https://github.com/warmestwind/ABHG

3.

A disentangled generative model for disease decomposition in chest X-rays via normal image synthesis

From <https://www.x-mol.net/paper/article/1313949741950930944>

https://github.com/YeongHyeon/DGM-TF/tree/master

4.

NePhi: Neural Deformation Fields for Approximately Diffeomorphic Medical Image Registration

Lin Tian, Hastings Greer, Raúl San José Estépar, Roni Sengupta, Marc Niethammer

From <https://arxiv.org/abs/2309.07322>

https://github.com/uncbiag/NePhi

5.

MUsculo-Skeleton-Aware (MUSA) deep learning for anatomically guided head-and-neck CT deformable registration

From <https://www.sciencedirect.com/science/article/pii/S1361841524002767?via%3Dihub>

https://github.com/HengjieLiu/DIR-MUSA/tree/main

6.

Multimodal representations of biomedical knowledge from limited training whole slide images and reports using deep learning

From <https://www.sciencedirect.com/science/article/pii/S1361841524002287>

https://github.com/ilmaro8/multimodal_learning

7.

Local contrastive loss with pseudo-label based self-training for semi-supervised medical image segmentation

From <https://arxiv.org/abs/2112.09645>

https://github.com/krishnabits001/pseudo_label_contrastive_training/tree/main