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Deep learning for vascular segmentation and tissue characterization in CT images

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Xiaotong Zhang

Colophon

About the cover:

The cover was created with the assistance of ChatGPT, using a denoising diffusion process of a 3D hepatic vascular tree as a reference for image generation. The front side of the cover depicts an anatomical representation of the hepatic portal venous system, highlighting the intricate vascular network within the liver. The back side can be interpreted as projections of the liver from different perspectives.

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Xiaotong Zhang

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Deep Learning for Vascular Segmentation and Tissue Characterization in CT Images

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