

# CT 理论与应用研究

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## **COVER**

Pseudo all-phase cardiac CT dataset (PAD) with realistic appearances based on 4D statistical shape models and single-phase clinical cardiac CT images; A novel temporal transformer U-Net trained on this dataset achieves satisfied performance on motion artifact reduction in cardiac CT imaging. The corrected coronary artery is clearly visible. Picture provided by: DENG Ziheng, ZHAO Jun et al. (DOI: 10.1109/TMI.2023.3310933).

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