IEEE TRANSACTIONS ON

RADIATION AND PLASMA MEDICAL SCIENCES

NOVEMBER 2022

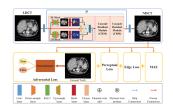
VOLUME 6

NUMBER 8

ITRPFI

(ISSN 2469-7311)

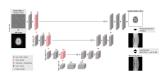
Features in This Issue



Deep Cascade Residual Networks (DCRNs): Optimizing an Encoder-Decoder Convolutional Neural Network for Low-Dose CT Imaging

by Zhenxing Huang, Zixiang Chen, Guotao Quan, Yanfeng Du, Yongfeng Yang, Xin Liu, Hairong Zheng, Dong Liang, and Zhanli Hu

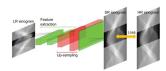
Read More



PET Image Reconstruction Incorporating Deep Image Prior and a Forward Projection Model

by Fumio Hashimoto, Kibo Ote, and Yuya Onishi

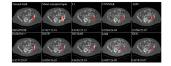
Read More



Artifact Reduction for Sparse-View CT Using Deep Learning With Band Patch

by Takayuki Okamoto, Takashi Ohnishi, and Hideaki Haneishi

Read More

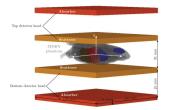


IDOL-Net: An Interactive Dual-Domain Parallel Network for CT Metal Artifact Reduction

by Tao Wang, Zexin Lu, Ziyuan Yang, Wenjun Xia, Mingzheng Hou, Huaiqiang Sun, Yan Liu, Hu Chen, Jiliu Zhou, and Yi Zhang

Read More

Compton and Proximity Imaging of



Ac In Vivo With a CZT Gamma Camera: A Proof of Principle With Simulations

by Javier Caravaca, Yoonsuk Huh, Grant T. Gullberg, and Youngho Seo

Read More



IEEE Transactions on Radiation and Plasma Medical Sciences

VIEW CURRENT ISSUE

T-RPMS Home

T-RPMS in IEEE Xplore

Early Access

Manuscript Submission



Website | Privacy Policy | Contact | Unsubscribe

© {{my.copyright year}} IEEE– All rights