IEEE TRANSACTIONS ON

RADIATION AND PLASMA MEDICAL SCIENCES

JANUARY 2024

VOLUME 8

NUMBER 1

ITRPFI

(ISSN 2469-7311)

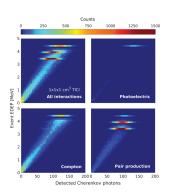
Features in This Issue



Scalable, Time-of-Flight and Depth-of-Interaction Detector Units for High-Resolution PET Systems

by Vanessa Nadig, Stefan Gundacker, David Schug, Katrin Herweg, Konstantin Weindel, Harald Radermacher, Florian Mueller, Bjoern Weissler, and Volkmar Schulz

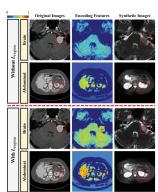
Read More



Cherenkov Light Emission in Pure Cherenkov Emitters for Prompt Gamma Imaging

by L. Rebolo, C. Trigila, J. Ellin, P. M. Mendes Correia, A. L. Silva, J. Veloso, S. St. James, E. Roncali, and G. Ariño-Estrada

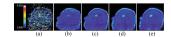
Read More



A 3-D Anatomy-Guided Self-Training Segmentation Framework for Unpaired Cross-Modality Medical Image Segmentation

by Yuzhou Zhuang, Hong Liu, Enmin Song, Xiangyang Xu, Yongde Liao, Guanchao Ye, and Chih-Cheng Hung

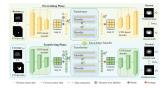
Read More



Deep-Learning-Aided Intraframe Motion Correction for Low-Count Dynamic Brain PET

by Erik Reimers, Ju-Chieh Cheng, and Vesna Sossi

Read More



DoseTransfer: A Transformer Embedded Model With Transfer Learning for Radiotherapy Dose Prediction of Cervical Cancer

by Lu Wen, Jianghong Xiao, Chen Zu, Xi Wu, Jiliu Zhou, Xingchen Peng, and Yan Wangi

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