

IEEE TRANSACTIONS ON RADIATION AND PLASMA MEDICAL SCIENCES

JANUARY 2023

VOLUME 7

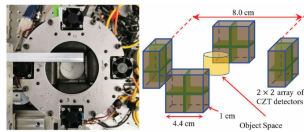
NUMBER 1

ITRPFI

(ISSN 2469-7311)

Features in This Issue

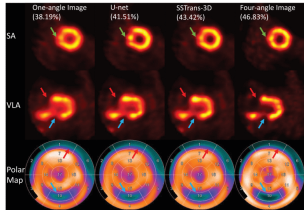
Experimental Evaluation of a 3-D CZT Imaging Spectrometer for Potential Use in Compton-Enhanced PET Imaging



by Yifei Jin, Michael Streicher, Hao Yang, Steven Brown, Zhong He, and Ling-Jian Meng

[Read More](#)

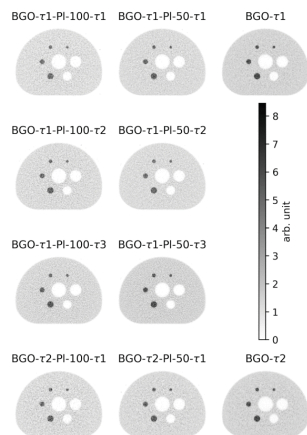
Deep-Learning-Based Few-Angle Cardiac SPECT Reconstruction Using Transformer



by Huidong Xie, Stephanie Thorn, Yi-Hwa Liu, Supum Lee, Zhao Liu, Ge Wang, Albert J. Sinusas, and Chi Liu

[Read More](#)

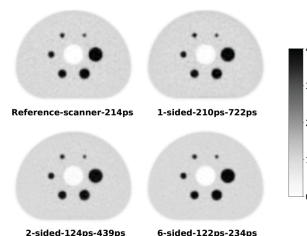
Image Reconstruction Analysis for Positron Emission Tomography With Heterostructured Scintillators



by Philipp Mohr, Nikos Efthimiou, Fiammetta Pagano, Nicolaus Kratochwil, Marco Pizzichemi, Charalampos Tsoumpas, Etienne Auffray, and Karl Ziemons

[Read More](#)

Exploring the Potential of a Cherenkov TOF PET Scanner: A Simulation Study

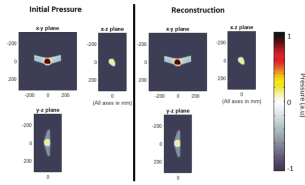


by G. Razdevšek, R. Pestotnik, P. Križan, S. Korpar, D. Consuegra, A. Seljak, A. Studen, and R. Dolenc

[Read More](#)

3-D Protoacoustic Imaging Through a Planar Ultrasound Array: A Simulation Workflow

by Pratik Samant, Luis M. Trevisi, Yong Chen, Townsend Zwart, and Liangzhong Xiang



[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 reserved.