

# IEEE TRANSACTIONS ON RADIATION AND PLASMA MEDICAL SCIENCES

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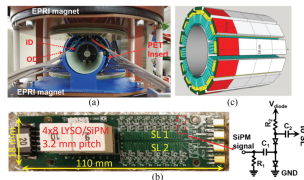
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## TRPMS gets an impact factor

IEEE TRPMS was just awarded a first official **impact factor of 4.4**, largely above the current impact factor of most competing medical physics and engineering journals. The journal also continues its advancement in the JCR with a **Q1 JCI ranking of 16/202** (from 41/200 in 2021) in the category of "Radiology, Nuclear Medicine & Medical Imaging" category. Thank you to all our editors, reviewers and authors for your support in making TRPMS a great success.

## Features in This Issue

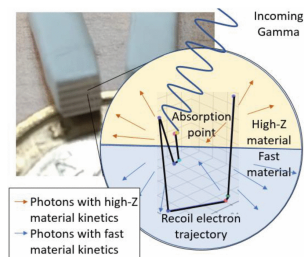
### A Preclinical Positron Emission Tomography (PET) and Electron Paramagnetic Resonance Imaging (EPRI) Hybrid System: PET Detector Module



by Heejong Kim, Yuexuan Hua, Boris Epel, Subramanian Sundramoorthy, Howard Halpern, Chin-Tu Chen, and Chien-Min Kao

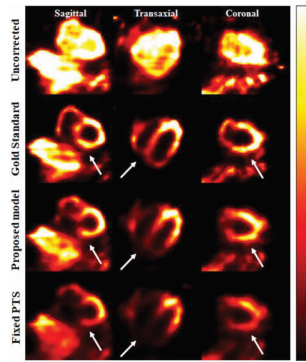
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### Exploiting Cherenkov Radiation With BGO-Based Metascintillators



by Riccardo Latella; Antonio J. Gonzalez; Daniel A. B. Bonifacio; Miroslavna Kovylyna; Amadeu Griol; José M. Benlloch, Paul Lecoq, and Georgios Konstantinou

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## 99mTc/123I Dual-Radionuclide Correction for Self-Scatter, Down-Scatter, and Tailing Effect for a CZT SPECT with Varying Tracer Distributions

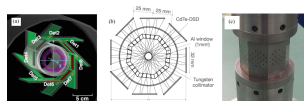
by Alexandre F. Velo, Peng Fan, Huidong Xie, Xiongchao Chen, Nabil Boutagy, Attila Feher, Albert J. Sinusas, Michael Ljungberg, and Chi Liu

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## CdTe-DSD SPECT-I: an Ultra-High-Resolution Multi-Isotope Tomographic Imager for Mice

by Shin'ichiro Takeda, Tadashi Orita, Atsushi Yagishita, Miho Katsuragawa, Goro Yabu, Ryota Tomaru, Fumiki Moriyama, Hirotaka Sugawara, Shin Watanabe, Hiroshi Mizuma, Yousuke Kanayama, Kazunobu Ohnuki, Hirofumi Fujii, Lars R. Furenliid, and Tadayuki Takahashi

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