

NUCLEAR TECHNOLOGY & RADIATION PROTECTION

an international
scientific journal

Vol. XXXIX♦ No. 4

C o n t e n t s

Papers

- Guili Liu, Siming Guo, Zhen Wang, Wen Li, Derong Dai, Zhiwei Li, Dongjie Hou, Jinjie Wu, Wanchang Lai, Zhijun Yang*
ASSESSMENT OF THE FLUX AND MONOCHROMATICITY CHARACTERISTICS OF A POLARIZED X-RAY SOURCE 251-260
- Čedomir I. Belić, Alija R. Jusić, Uroš D. Kovačević, Violeta S. Malaš, Goran B. Poparić*
THE INFLUENCE OF IONIZING α AND γ RADIATION ON THE STATISTICS OF THE RANDOM VARIABLE ELECTRICAL BREAKDOWN OF ELECTRONEGATIVE GASES 261-269
- Yang Xu, Chen Luo, Yan Huang, Kebin Jia, Yuntao Liu, Min Lin*
STUDY ON THE WALL BACKSCATTER FACTOR IN MOBILE X-RAY *IN-SITU* CALIBRATION 270-279
- Sanja V. Knežević, Marija M. Ivanović, Snežana S. Nenadović, Milica M. Rajačić, Marijan Nečemer, Jelena Potočnik, Miloš T. Nenadović*
RADIOLOGICAL CHARACTERIZATION OF ALKALI-ACTIVATED MATERIAL DOPED WITH Sm_2O_3 AND ITS POLYMERIZATION PRODUCTS 280-290
- Deivendiran Rajkumar, Ayyalusamy Rajasekar, Kalidas Arunachalam*
RADIATION SHIELDING POTENTIAL OF ULTRA-HIGH STRENGTH CONCRETE FROM AGRO-INDUSTRIAL WASTE 291-299
- Walid M. Khalilia, Lilia A. Mashal, Alyda R. Faugno, Khalil M. Thabayneh, Amal al-Wahish*
ASSESSMENT OF RADON EXHALATION RATE AND RADIUM CONTENT IN SOIL SAMPLES FROM EAST WEST BANK, PALESTINE 300-311
- Wan Duo, Wang Shuahua, Omar Medhat Mostafa, Moustafa Elsayed Medhat*
MONTE CARLO SIMULATION-BASED DOSIMETRIC EVALUATION OF A NOVEL ^{125}I BRACHYTHERAPY SOURCE Comparative Assessment of Dosimetry Parameters and Shadowing Effects 312-317
- Han Young Joo, Joo Hyun Moon*
ENHANCING RADIOLOGICAL DISASTER RESPONSE MANUALS IN THE REPUBLIC OF KOREA THROUGH A RESILIENCE ENGINEERING-INFORMED SURVEY 318-327