

**Contents**

Papers

- Dileep Blangat, Ravi Pazhayath Mana, Karunakara Naregundi, Sangameshwar Managanvi, Raj Mangal Tripathi*  
A NEW METHOD FOR D<sub>2</sub>O TO H<sub>2</sub>O LEAK DETECTION AND IDENTIFICATION OF LEAKY HEAT EXCHANGER IN THE PHWR BY CHERENKOV PHOTON COUNTING TECHNIQUE 325-333
- Leila Ramezani, Masoud Mansour, Mohammad Rahgoshay*  
MODELING THE WATER SIDE CORROSION AND HYDROGEN PICKUP OF THE VVER 1000 FUEL CLAD 334-340
- Marija D. Radmilović-Radjenović, Petar D. Beličev, Branislav M. Radjenović*  
THE EFFECT OF ENHANCED FIELD EMISSION ON CHARACTERISTICS OF SUPERCONDUCTING RADIO FREQUENCY CAVITIES 341-346
- Igor N. Telečki, Sanja M. Grujović Zdošek, Srdjan M. Petrović*  
SPATIAL RAINBOWS AND CATASTROPHES IN TRANSMISSION OF PROTONS THROUGH THE ELECTROSTATIC OCTOPOLE LENS 347-355
- Ozan Artun*  
CALCULATION OF THE MASS STOPPING POWERS OF MEDICAL, CHEMICAL, AND INDUSTRIAL COMPOUNDS AND MIXTURES 356-362
- Ivica T. Vujčić, Slobodan B. Mašić, Hristina Spasevska, Miroslav D. Dramićanin*  
ACCURACY IN DETERMINING ABSORBED IRRADIATION DOSE AT DIFFERENT TEMPERATURE MEASUREMENTS USING ETHANOL CHLOROBENZENE Oscillotitrator System 363-368
- Marija D. Obrenović, Aco J. Janićijević, Dalibor S. Arbutina*  
STATISTICAL REVIEW OF THE INSULATION CAPACITY OF THE GEIGER-MUELLER COUNTER 369-374
- Predrag M. Božović, Olivera F. Ciraj-Bjelac, Jelena S. Stanković Petrović, Danijela D. Arandjić, Sandra M. Čeklić*  
UTILIZING MONTE CARLO SIMULATIONS IN ESTIMATION OF OCCUPATIONAL EYE LENS DOSE BASED ON WHOLE BODY DOSIMETER IN INTERVENTIONAL RADIOLOGY AND RADIOLOGY 375-379
- Marija Ž. Jeremić, Milovan D. Mačović, Suzana B. Pantović, Dragoslav R. Nikezić, Dragana Ž. Krstić*  
CALCULATION OF ABSORBED DOSE DUE TO THE <sup>90</sup>Y-DOTATOC PEPTIDE RECEPTOR RADIONUCLIDE THERAPY BY MCNP5/X 380-385
- Muhammet Karatasli*  
RADIONUCLIDE AND HEAVY METAL CONTENT IN THE TABLE OLIVE (OLEA EUROPAEA L.) FROM THE MEDITERRANEAN REGION OF TURKEY 386-394
- Begzada Bašić, Adnan Beganović, Maja Gazdić-Šantić, Amra Skopljak-Beganović, Davorin Samek*  
FIFTEEN YEARS OF OCCUPATIONAL EXPOSURE MONITORING IN THE FEDERATION OF BOSNIA AND HERZEGOVINA 395-405
- Tae Young Kong, Siyoung Kim, Youngju Lee, Jung Kwon Son*  
METHODOLOGY FOR DETERMINATION OF ALARM AND WARNING SET-POINTS FOR RADIOACTIVE EFFLUENT MONITORS IN KOREAN PRESSURIZED WATER REACTORS 406-410
- Aleksandr Sokolov, Artjom Kail, Feliks Flnkel, Vladimir Gostilo*  
THE DEVELOPMENT OF WASTE ASSAY MONITORS BASED ON THE HPGe DETECTORS 411-416
- Erratum 417