



## TABLE OF CONTENTS

*Click on the title of the paper to access/download it*

<b>RADIATION PHYSICS</b>		
S. Zolotov, U. Bliznyuk, F. Studeninkin, A. Belousov	<b>IRRADIATION DOSE UNIFORMITY IN TREATMENT OF SPHERICAL OBJECTS WITH ACCELERATED ELECTRONS</b>	1
<b>RADIOECOLOGY</b>		
Jelena Ajtić, Branislava M. Mitrović	<b>NATURAL AND ARTIFICIAL RADIONUCLIDES IN HERBAL TEAS</b>	4
Erjon Spahiu, Irma Bërdufi, Manjola Shyti	<b>PRELIMINARY INVESTIGATION OF NATURALLY OCCURRING RADIONUCLIDES IN SOME SPICES USED IN ALBANIA</b>	7
<b>RADON AND THORON</b>		
Kozeta Tushe, Dritan Prifti, Jurgen Shano, Merita Kaçeli, Polikron Dhoqina	<b>RESULTS OF ALBANIA PUBLIC OPINION SURVEY ON RADON RISK PERCEPTION</b>	12
<b>RADIATION DETECTORS</b>		
Emre Doganci, Aysegul Kahraman, Demet Erol, Ercan Yilmaz	<b>SILICON BASED P-I-N PHOTODIODE DESIGN WITH USING TCAD SIMULATION</b>	17
<b>RADIATION PROTECTION</b>		
Dritan Prifti, Kozeta Tushe, Elida Bylyku, Brunilda Daci	<b>RADIOACTIVE MATERIAL TRANSPORT – SAFETY AND SECURITY UPGRADE IN ALBANIA</b>	22
Recep Kurtulus, Cansu Kurtulus, Taner Kavas	<b>A SUSTAINABLE APPROACH FOR RADIATION PROTECTION APPLICATIONS: SYNTHESIS AND CHARACTERIZATION OF WASTE BRICKS BOTTOM ASH INVOLVING Bi<sub>2</sub>O<sub>3</sub></b>	27
Irma Bërdufi, Erjon Spahiu, Manjola Shyti, Elida Bylyku	<b>DETERMINATION OF THE RADIOACTIVITY LEVEL OF CONCRETE USED AS SHIELDING FOR MEDICAL <sup>60</sup>Co SOURCE</b>	31
<b>MATERIAL SCIENCE</b>		
Mailes C. Zulu, Erhan Budak, Ercan Yilmaz	<b>FREQUENCY RESPONSE ON THE ELECTRICAL CHARACTERISTICS OF SiNWS BASED MOS CAPACITOR WITH HIGH-K MATERIAL</b>	35

Alex Mutale, Ercan Yilmaz, Oktay Aytar	<b>GAMMA IRRADIATION RESPONSE ON SiNWs BASED MOS CAPACITOR WITH HIGH-K Yb<sub>2</sub>O<sub>3</sub> GATE DIELECTRIC</b>	40
Racheal Chirwa, Alex Mutale, Ercan Yilmaz	<b>INVESTIGATION OF ANNEALING TEMPERATURE ON STRUCTURAL, MORPHOLOGIES AND ELECTRICAL PROPERTIES Al/Y<sub>2</sub>O<sub>3</sub>/SiNWs/n-Si MOS CAPACITOR</b>	45
Umutcan Güreer, Ozan Yilmaz, Erhan Budak, Ercan Yilmaz	<b>THE COATING OF REDUCED GRAPHENE OXIDE (rGO): A NOVEL ULTRASONIC-ASSISTED METHOD</b>	50
<b>ENVIRONMENTAL PHYSICS</b>		
Erjon Spahiu, Irma Bërdufi, Manjola Shyti, Florinda Cfarku	<b>MONITORING COSMOGENIC AND TERRESTRIAL RADIONUCLIDES IN GROUND LEVEL AIR SAMPLES BY GAMMA SPECTROMETRY IN ALBANIA</b>	54
<b>BIOMEDICINE</b>		
Jasmina Obradovic, Vladimir Jurisic	<b>SENSITIVITY AND SPECIFICITY OF THE ASSAYS IN THE COVID-19 PANDEMIC</b>	58
<b>BIOCHEMISTRY</b>		
Dragana Pap	<b>LABORATORY TESTING AND PREANALYTICAL ERRORS: WHERE ARE WE IN 2022?</b>	62
<b>OTHER TOPICS</b>		
Christos Alexopoulos, Milena Despotovic, Milena Zlatanovic, Marija Mikić Mladenovic, Ivan Milojevic, Marko Jovanovic	<b>POPULATION POLICY MEASURES IN SERBIA UNTIL 2020</b>	67
Bojan Veljković, Sandra Dukić, Mina Mihajlović, Zorica Kaludjerović, Momčilo Todorović, Christos Alexopoulos	<b>CYBERBULLYING RESEARCH ON YOUTH POPULATION IN SERBIA</b>	72
Christos Alexopoulos, Danijela Radoičić, Tijana Joncic, Dragan Radosavljević, Marija Mikić Mladenovic, Ivan Milojević	<b>NECESSITY OF HUMAN RESOURCES PLANNING IN THE WORK OF A HEALTH INSTITUTION</b>	76
Bojan Veljkovic, Jelena Aleksandric, Mile Despotovic, Ivan Milojevic, Marija Mikić Mladenovic, Christos Alexopoulos	<b>COMPUTER LITERACY OF HEALTH PROFESSIONALS</b>	82