

## Contents

|   |         |
|---|---------|
| <i>Blanka Škipina, Adriaan S. Luyt, Duško Dudić</i><br>NON-CONTACT DIELECTRIC MEASUREMENTS ON POLYMER FILMS .....   | 1–5     |
| <i>Jovana Milanović, Matea Korica, Tanja Nikolić, Mirjana Kostić</i><br>OXYCELLULOSE – MATERIAL FOR NEW APPLICATION AREAS .....   | 6–21    |
| <i>Savka Janković, Dragana Milisavić, Tanja Okolić, Dijana Jelić</i><br>SYNTHESIS OF ZnO-Ag NANOPARTICLES BY SOL-GEL METHOD .....   | 22–27   |
| <i>Svetlana Pelemiš, Dragoljub Mirjanić, Dijana Đeordić, Ozren Petrović</i><br>SOME OF BENEFITS NANOMATERIALS APPLICATIONS IN MEDICINE .....  | 28–34   |
| <i>Danijela Maksin, Marija Vukčević, Tatjana Đurkić, Ivana Stanišić, Tamara Bakić,<br/>Milena Radomirović, Antonije Onjia</i><br>GADOLINIUM SORPTION ON MULTI-WALLED CARBON NANOTUBES .....   | 35–46   |
| <i>Irena Kasagić Vujanović, Žarko Gagić, Nina Okuka, Darija Knežević</i><br>QUALITY CONTROL OF DISTILLED WATER USED FOR RECONSTITUTION<br>OF POWDERS FOR ORAL SUSPENSION IN PHARMACIES ON THE TERRITORY<br>OF BOSNIA AND HERZEGOVINA .....                                      | 47–55   |
| <i>Ivan Ristić, Milovan Jotanović, Tamara Erceg, Ljubiša Nikolić, Suzana Cakić,<br/>Vladan Mičić, Stefan Pavlović, Sabina Begić</i><br>THE INFLUENCE OF REACTION TIME ON THE PROPERTIES OF<br>MICROWAVE SYNTHESIZED POLY(LACTIDE) .....   | 56–63   |
| <i>Nataša Knežević, Aleksandra Đeri, Ognjenka Janković, Irena Kuzmanović Radman,<br/>Renata Josipović, Vladan Mirjanić</i><br>EFFECT OF DIFFERENT CONCENTRATIONS OF THE TEETH BLEACHING<br>AGENTS ON THE QUALITY OF BOND BETWEEN COMPOSITE MATERIAL<br>AND BLEACHED TOOTH ..... | 64–70   |
| <i>Ljiljana Tankosić, Svjetlana Sredić, Pavle Tančić, Zoran Nedić</i><br>THE DISPERSION-FLOCCULATION BEHAVIOUR OF THE NATURAL RAW<br>CLAY SAMPLES FROM OMARSKA MINE .....   | 71–81   |
| <i>Milan Šljivić, Dragoljub Mirjanić, Natasa Šljivić, Cristiano Fragassa, Ana Pavlović</i><br>3D PRINTING AND 3D BIOPRINTING TO USE FOR MEDICAL APPLICATIONS .....  | 82–92   |
| <i>Radmila Arbutina, Nataša Trtić, Ognjenka Janković, Valentina Veselinović, Vladan Mirjanić</i><br>CLINICAL MANIFESTATION AND INCIDENCE OF DENTAL ENAMEL EROSION IN<br>PATIENTS UNDER ANTIHYPERTENSIVE THERAPY .....   | 93–99   |
| <i>Vesna Ljubojević</i><br>DIGITAL IMAGING ANALYSIS OF THE PLACENTA .....   | 100–105 |
| Instruction for authors of papers .....   | 105–106 |