

Contents

<i>Suzana Apostolov, Đenđi Vaštag, Borko Matijević, Gorana Mrđan, Jelena Nakomčić</i> STUDY OF THE BIOLOGICAL ACTIVITY DESCRIPTORS OF THE BARBITURIC ACID DERIVATIVES .....	77–84
<i>Fatima Živić, Nenad Grujović, Svetlana Pelemiš, Dragan Adamović</i> PROPERTIES OF THE HAND MIXED PMMA BASED CEMENT FOR BIOMEDICAL APPLICATIONS .....	85–92
<i>Dijana Jelić, Aleksandra Šmitran, Sanja Pržulj, Savka Vračević, Dragana Gajić, Mladena Malinović, Ljiljana Božić</i> STUDY OF IRON OXIDE NANOPARTICLES DOPED WITH COPPER: ANTIMICROBAL AND PHOTOCATALYTICAL ACTIVITY .....	93–101
<i>Svetlana Stevović, Žarko Nestorović, Neđo Đurić</i> NANOTECHNOLOGY IN THE FUNCTION OF SUSTAINABLE WATER USE .....	102–111
<i>Svjatlana Sredić, Ljiljana Tankosić, Pavle Tančić, Zoran Nedić</i> FLOCCULATION STUDY OF NATURAL QUARTZ SAMPLE USING ANIONIC POLYACRILAMIDE .....	112–121
<i>Zoran Rajilić, Nikola Stupar, Tatjana Vujičić, Sreten Lekić</i> EMERGENCE OF ORDERED MOTION OF THE OSCILLATOR DRIVEN BY FLUCTUATING FORCE .....	122–127
<i>Savka Vračević, Aleksandra Šmitran, Sanja Pržulj, Dragana Gajić, Mladena Malinović, Ljiljana Božić, Dijana Jelić</i> ANTIMICROBIAL AND PHOTOCATALYTICAL PROPERTIES OF DOPED AND UNDOPED ZINC OXIDE NANOPARTICLES .....	128–134
<i>Vojkan M. Zorić</i> RESONANCE AS NEW METHOD IN DETERMINING THE AGE OF PAINTS .....	135–140
<i>Ognjenka Janković, Radmila Arbutina, Vladan Mirjanić</i> CYTOTOXIC EFFECT OF NEWLY SYNTHESIZED NANOMATERIALS FOR POTENTIAL DENTAL APPLICATION .....	141–149
<i>Marina Nikolić Topalović, Milenko Stanković</i> EVALUATION OF FLOOR COVERINGS FROM THE ECOLOGICAL AND ECONOMIC ASPECT IN THE DESIGN STAGE .....	150–161
<i>Marijana Kosanić, Tatjana Stanojković</i> BIOMEDICAL POTENTIAL OF SELECTED MUSHROOM SPECIES .....	162–168
<i>Goran Grahovac, Bojan Guzina, Milomir Trivun, Goran Pašić</i> IMPACT OF CREATINE MONOHYDRATE ON BODY MASS OF SWIMMERS .....	169–177