

CONTENTS

<i>M.G. Đorđević, P.I. Premović</i> , Iron, manganese, vanadium, copper and zinc of the Cretaceous-Paleogene boundary Fish Clay at the Kirkevиг site (Højerup, Stevns Klint, Denmark).....	5
<i>H. Ghaforyan, T. Ghaffary, S. Mohammadibilankohi, M. Hasanzadeh, R. Pincak, M. Farkhan</i> , Effect of ultrasound waves intensity on the removal of Congo red dye from the textile industry wastewater by $\text{Fe}_3\text{O}_4@\text{TiO}_2$ core-shell nanospheres.....	10
<i>V.E. Atalay</i> , Determination of the pK_a values of some pyridine derivatives by computational methods.....	16
<i>I.B. Turkyilmaz, R. Yanardag</i> , Protecting effect of vitamin U against amiodarone-induced hepatic damage via its antioxidative activity.....	20
<i>N.N. Wu, Y. He, Y.C. Tan, Y.S. Wang, W.T. Fang</i> , Degradation of sulfonamides in aqueous solution by an electro/ Fe^{2+} /peroxydisulfate process.....	25
<i>D. Mahalakshmi, C.B.N. Unnisa, V. Hemapriya, E.P. Subramaniam, S.M. Roopan, S. Chitra, I.-M. Chung, S.-H. Kim, M. Prabakaran</i> , Anticorrosive potential of ethanol extract of <i>Delonix elata</i> for mild steel in 0.5 M H_2SO_4 - a green approach.....	31
<i>D. Paliulis</i> , Extraction of zinc and copper from a contaminated soil by using organic acids.....	38
<i>S. Sönmez, Z. Yıldız, A. Akgül</i> , The effects of epoxyarylate coating on printability of bio/synthetic-based fabrics in a thermal transfer printing system.....	48
<i>V. Chakarova, M. Monev</i> , Hydrogen evolution reaction on electroless Ni-P coatings deposited at different pH values.....	54
<i>J.V. Odović</i> , <i>In silico</i> investigation of the relation between calcium channel blockers' molecular descriptors and oral bioavailability data.....	60
<i>G. Ivanova, A. Stoyanova-Ivanova, D. Kovacheva, A. Stoyanova</i> , Improvement of the electrochemical properties of Ni-Zn rechargeable batteries by adding $\text{B}(\text{Pb})\text{SrCaCuO}$ conducting ceramics.....	66
<i>D.S. Ismailova, A.A. Ziyaev, S.A. Sasmakov, U.S. Makhmudov, Sh.Sh. Khasanov, Sh.S. Azimova, B.Zh. Elmuradov</i> , Synthesis and biological activity of 2-alkylthio-5-(4-N-acetyl(N-chloroacetyl)aminophenyl)-1,3,4-oxadiazoles.....	73
<i>A. Carrera-Lanestosa, M. Segura-Campos, T. Coral-Martinez, D. Ruiz-Ciau, J. Araujo-León, D. Betancur-Ancona, Y. Moguel-Ordóñez</i> , Development and validation of a chromatographic method to identify and quantify the flavonoids extracted from <i>S. rebaudiana</i> Bertoni.....	80
<i>D. Petrova, K. Petkova, I. Saltirov, Ts. Kolev</i> , Application of vibrational spectroscopy and XRD analysis for investigation of calcium oxalate kidney stones.....	88
<i>W. She, J. Chen, H. Huang, H. Zhu, J. Lei, D. Ren, Y. Bai, F. Dong, F. Yang</i> , Experimental study on coalbed methane (CBM) displacement by mixed carbon dioxide and nitrogen.....	96
<i>J.M. Simonovska, D.Y. Yancheva, B.P. Mikhova, S.M. Momchilova, Ž.F. Knez, M.J. Primožić, Z.S. Kavrakovski, V.G. Rafajlovska</i> , Characterization of extracts from red hot pepper (<i>Capsicum annuum L.</i>).....	103
<i>S. I. Papanov, Ek. G. Petkova, I. G. Ivanov</i> , Polyphenols content and antioxidant activity of various pomegranate juices.....	113
<i>N. Dragicevic, D. Krajisnik, J. Milic, D. Pecarski, Z. Jugović</i> , Hydrophilic gel containing coenzyme Q ₁₀ -loaded liposomes: preparation, characterization and stress stability tests.....	117
<i>M. Sadikoglu, U. I. Soylu, S. Yilmaz, B. Selvi, H. Yildiz Seckin, A. Nosal-Wiercinska</i> , Electrocatalytic oxidation of moxifloxacin hydrochloride on modified glassy carbon surface and determination in Avelox tablets.....	125
<i>T. Erdogan</i> , On the esterification reaction of phenacyl bromide with benzoic acids: microwave and ultrasound versus conventional heating.....	134
<i>B. Jamali Aghbash, M. Manoochehri, M. Daghighi Asli</i> , Cadmium(II) organometallic complex with 4-chloro-N ((pyridine-2-yl) methylene) benzene amine: synthesis, spectroscopy and antibacterial evaluation.....	146
<i>U. Vrabić Brodnjak</i> , Experimental investigation of moisture and tensile properties of shellac and chitosan films for packaging applications.....	152
<i>Acknowledgement to reviewers for vol. 50 (2018)</i>	158
<i>INSTRUCTIONS TO THE AUTHORS</i>	159

