



CONTENTS

<i>S. Lopičić, M. Bratić-Stanojević, P. Dhruba, D. Pavlović, M. Prostran and V. Nedeljkov:</i> Excitatory amino acid β -N-methylamino-L-alanine is a putative environmental neurotoxin (Review)	479
Organic Chemistry	
<i>I. T. Todorova, D. I. Batovska, B. A. Stamboliyska and S. P. Parushev:</i> Evaluation of the radical scavenging activity of a series of synthetic hydroxychalcones towards the DPPH radical	491
<i>J. Dostanić, N. Valentić, G. Ušćumlić and D. Mijin:</i> Synthesis of 5-(substituted phenylazo)-6-hydroxy-4-methyl-3-cyano-2-pyridones from ethyl 3-oxo-2-(substituted phenylazo)butanoates (Short communication)	499
Biochemistry and Biotechnology	
<i>D. Miladinović, Lj. Miladinović and S. Najman:</i> A study of the antioxidants in <i>Oxytropis pilosa</i> (L.) DC.	505
<i>N. Lončar, N. Božić, I. Anđelković, A. Milovanović, B. Dojnov, M. Vujčić, G. Roglić and Z. Vujčić:</i> Removal of aqueous phenol and phenol derivatives by immobilized potato polyphenol oxidase	513
<i>R. S. Verma, R. C. Padalia, C. S. Chanotiya, A. Chauhan and A. Yadav:</i> Chemical investigation of the essential oil of <i>Laggera crispata</i> (Vahl) Hepper & Wood from India (Short communication)	523
Inorganic Chemistry	
<i>J. Wang, Q. Wang, Y. Sun, Y. Wang, G. Zhao and Y. Cui:</i> Crystal structure of an oxalate-bridged tetranuclear 8-hydroxyquinoline Zn(II) cluster: $[Zn_4Q_6(Ox)]_{0.5n}$	529
Theoretical Chemistry	
<i>M. V. Senčanski, J. Radić-Perić and M. Perić:</i> On the relationship between molecular spectroscopy and statistical mechanics: calculation of partition functions for triatomic molecules undergoing large-amplitude bending vibrations	539
<i>M. V. Senčanski, Lj. Stojanović, S. Jerosimić, J. Radić-Perić and M. Perić:</i> On the relationship between molecular spectroscopy and statistical mechanics: calculation of vibrational-rotational energy levels and partition functions in the ground electronic state of BC_2	557
Electrochemistry	
<i>M. Mazloum-Ardakani, H. Beitollahi, Z. Taleat and M. Salavati-Niasari:</i> Fabrication and characterization of molybdenum(VI) complex-TiO ₂ nanoparticles modified electrode for the electrocatalytic determination of L-cysteine	575
Polymers	
<i>M. Ionescu and Z. S. Petrović:</i> Phenolation of vegetable oils	591
Environmental	
<i>D. Suteu, C. Zaharia and T. Malutan:</i> Removal of Orange 16 reactive dye from aqueous solutions by waste sunflower seed shells	607
<i>Dj. Nikolić, N. Milošević, Ž. Živković, I. Mihajlović, R. Kovačević and N. Petrović:</i> Multi-criteria analysis of soil pollution by heavy metals in the vicinity of the Copper Smelting Plant in Bor (Serbia)	625
EuCheMS News	643

