

STUDIA

UNIVERSITATIS BABEȘ-BOLYAI

CHEMIA

1

Desktop Editing Office: 51ST B.P. Hasdeu Street, Cluj-Napoca, Romania, Phone + 40 264-405352

CUPRINS – CONTENT – SOMMAIRE – INHALT

VALENTINA TASOTI, ADRIAN NICOARĂ, PAUL ȘERBAN AGACHI, Investigation of AZ91 Magnesium Alloy Oxidation Kinetics by Means of Electrochemical Impedance Spectroscopy	5
LAURIAN VLASE, IOANA FELECAN, DANA MUNTEAN, DANIELA IACOB, Quantification of Phenobarbital in Human Plasma by LC/MS/MS for Therapeutic Drug Monitoring.....	15
ADRIANA HANGAN, JOAQUIN BORRAS, LUMINITA OPREAN, Cu(II) Complexes with N-substituted Sulfonamides	23
RADU SILAGHI-DUMITRESCU, Computational Description of Peptide Architectures Based on Hydrogen Bonds.....	31
LIANA MARIA MURESAN, JULIEN EYMARD, DIANA BLEJAN, EMIL INDREA, Zn-Ni Alloy Coatings from Alkaline Bath Containing Triethanolamine. Influence of Additives.....	37
ERIKA TASNADI, GABRIEL KATONA, MIRCEA V. DIUDEA, Modeling of Biologically Active Molecular Structures.....	45
ANAMARIA PADUREAN, CALIN-CRISTIAN CORMOS, ANA-MARIA CORMOS, PAUL-ȘERBAN AGACHI, Technical Assessment of CO ₂ Capture Using Alkanolamines Solutions.....	55

DIANA DUDEA, MARIOARA MOLDOVAN, LAURA SILAGHI DUMITRESCU, HORATIU COLOSI, ALEXANDRA BOTOS, ADA IRIMIE, CAMELIA ALB, In Vitro Study on the Effectiveness of a Group of Experimental Hydrogen Peroxide and Carbamide Peroxide Bleaching Gels upon Dental Enamel.....	65
KATALIN NAGY, CSABA L. NAGY, MIRCEA V. DIUDEA, Omega Polynomial in Diamond-Like Dendrimers.....	77
MAHBOUBEH SAHELI, MAHDIEH NEAMATI, KATALIN NAGY, MIRCEA V. DIUDEA, Omega Polynomial in Sucor Network	83
LAURIAN VLASE, DANIELA-SAVETA POPA, DANA MUNTEAN, MARCELA ACHIM, A New LC/MS/MS Method for Determination of Lisinopril in Human Plasma.....	91
LUCIAN COPOLOVICI, IOAN BALDEA, ALEXANDRA CSAVDARI, Determination of Aromatic Amines and Phenols by Kinetic Methods Based on Landolt Effect	103
ADRIAN PATRUT, KARL F. VON REDEN, DANIEL A. LOWY, SALVINA PASCA, LASZLO KEKEDY-NAGY, IRINA SOVAGO, Radiocarbon Dating of the Historic Oak of Tebea, Romania	113
NORBERT MUNTEAN, IOAN BÂLDEA, GABRIELLA SZABÓ, ZOLTÁN NOSZTICZIUS, Antioxidant Capacity Determination by the Briggs- Rauscher Oscillating Reaction in a Flow System	121

Studia Universitatis Babes-Bolyai Chemia has been selected for coverage in Thomson Reuters products and custom information services. Beginning with V. 53 (1) 2008, this publication is indexed and abstracted in the following:

- Science Citation Index Expanded (also known as SciSearch®)
- Chemistry Citation Index®
- Journal Citation Reports/Science Edition

