

CONTENTS

<i>Preface</i> .....	4
<i>A. Meriç</i> , Molecular modelling of 2-iminothiazoles as insecticidal activity.....	5
<i>C. Özdemir Dinç, A. Güner</i> , Solid-state characterization of poly(ethylene glycol) samples prepared by solvent cast technique.....	15
<i>C. Kadi, H. Evlen, A. Özmert</i> , Investigation thermal and mechanical properties of PP/beech flour composite.....	21
<i>D. Cakmak, T. Bulut</i> , Electropolymerization and characterization of salophen derivative Schiff base Co(II) and Ni(II) complexes on the graphite electrode and electrocatalytic investigations.....	30
<i>D. Kaya, K. Kececi</i> , Preparation of nanopores and their application for the detection of metals.....	37
<i>D. Sakar Dasdan, A. Dizdar, G. Karakus</i> , Zetasizer measurements of copolymer-drug carrier system: poly (maleic anhydrite-co-vinyl acetate) -acriflavine conjugate.....	43
<i>E. Üstün, S. Demir Düşünceli, İ. Özdemir</i> , [Mn(CO) <sub>3</sub> (bpy)(N-2-chlorobenzylbenzimidazole)]OTf complex as a new photoactivatable CO-releasing molecule.....	50
<i>E. Akyol, S. Senol, Ö. Dogan</i> , Controlled release of donepezil hydrochloride from the ternary sodium alginate based hydrogels.....	57
<i>E. Bozkurt Kopuz, B. Dincer</i> , Outdoor air quality sulphur dioxide in Istanbul.....	64
<i>H. Ünver, F. Yilmaz</i> , Synthesis of new Rh(I) and Ru(III) complexes and investigation of their catalytic activities on olefin hydrogenation in green reaction media.....	70
<i>H. Medetalibeyoğlu, H. Yüksek</i> , Gaussian calculations of novel 3-(methyl/ethyl/ <i>n</i> -propyl)-4-[3-ethoxy-4-(4-methoxybenzoxy)-benzylidenamino]-4,5-dihydro-1 <i>H</i> -1,2,4-triazol-5-ones.....	78
<i>I. Doymaz, I. Kucuk</i> , Pretreatments and temperature effects on the drying kinetics of peas....	90
<i>Ö. Aktaş-Yokuş, H. Yüksek, S. Manap, F. Aytemiz, M. Alkan, M. Beytur, Ö. Gürsoy-Kol</i> , In-vitro biological activity of some new 1,2,4-triazole derivatives with their potentiometric titrations.....	98
<i>M.K. Gümuş, İ.S. Doğan, B. Barut, A. Özel, B. Kahveci</i> , Synthesis, acetylcholinesterase, butyrylcholinesterase and tyrosinase inhibition, and antioxidant studies of 2-[2-(substituted-benzyl)-4(7)-phenyl-1 <i>H</i> -benzimidazol-1-yl]acetohydrazides and methyl 2-[2-(substituted-benzyl)-4(7)-phenyl-1 <i>H</i> -benzimidazol-1-yl]acetates.....	107
<i>N. Beyazit, S. Çobanoğlu, C. Demetgül</i> , Metal complexes of perimidine and Schiff base ligands bearing both naphthalene and chromone moieties: synthesis and catalytic activity..	115
<i>Ö. Dogan, B. Bodur</i> , Investigation of hydroxyapatite morphology at different experimental conditions.....	122
<i>S. Erol</i> , A fibrous solid electrolyte for lithium-ion batteries.....	128
<i>A. Karasakal, G. Dogan, Y. Yalcin Gurkan</i> , Molecules of benidipine: experimental and theoretical investigation.....	133
<i>Y. Nur, G.E. Bayol</i> , Synthesis of SiC from poly(silyne- <i>co</i> -hydridocarbyne) under CO <sub>2</sub> atmosphere.....	140
<i>F. Noyan Tekeli</i> , Application of artificial neural networks for Zeta potential of copolymer...	146