Contents

Ramadan A. Mekheimer, Khadijah Al-Zaydi, Mahmoud A. A. Ibrahim, Asma Al-Shamary and Kamal Sadek
Regio- and stereoselective 1,3-dipolar cycloaddition reactions of C-aryl (or hetaryl)-N-phenylnitrones to monosubstituted ylidene malononitriles and 4-benzylidene-2-phenyloxazol-5(4H)-one —— 317

Ting-Ting Qian, Yu-Feng Xie, Hua-Tian Shi, Ai-Quan Jia and Qian-Feng Zhang
New adducts of silver(I) halides, AgX (X = Cl, Br), with bidentate phosphine ligands: syntheses and molecular structures of [Ag₃(μ₃-Cl)(μ-dppm)]²⁺[PF₆]⁻, [Ag₃(μ₃-Br)(μ-dppm)]²⁺[AgBr₂]⁻, [{Et₄N}[Ag₃(μ₃-Br)(μ-dppe)]₃], [Et₃N][AgCl₂(μ-dppe)], and [{AgCl₂(μ-dppp)]₃ —— 327

Zahra Mardani, Vali Golsanamlou, Saba Khodavandegar, Keyvan Moeini, Alexandra M.Z. Slawin and J. Derek Woollins
Structural study of the coordination behavior of a tetradentate NO₃-donor amino alcohol ligand toward a Cd²⁺:Hg²⁺ mixture —— 335

Somruedee Klaithong, Daniel Van Opdenbosch, Cordt Zollfrank and Johann Plank
Preparation of magnesium oxide and magnesium silicate replicas retaining the hierarchical structure of pine wood —— 341

New bioactive compounds from the marine-derived actinomycete Nocardiopsis lucentensis sp. ASMR2 —— 351

Esma Lamera, Sofiane Bouacida, Hocine Merazig, Aïssia Chibani, Marc Le Borgne, Zouhair Bouaziz and Abdelmalek Bouraiou
DMAP as a new efficient catalyst for the one-pot synthesis of condensed phthalazines —— 361

Lina M. Barhoumi, Mustafa M. El-Abadelah, Salim S. Sabri and Wolfgang Voelter
Fused thia-heterocycles via isothiocyanates. Part I. Facile synthesis of some new 1-benzothiopyran-4-one derivatives —— 369

Kamal Sweidan, Wael Abu Dayyih, Murad A. AlDamen, Eyad Mallah, Tawfiq Arafat, Mustafa M. El-Abadelah, Hanadi Salih and Wolfgang Voelter
Ring opening of cyclobutane in 1,3-dimethyl-5-methylenebarbituric acid dimer by various nucleophiles —— 377