

Anniversary, One hundred years of the founder of chemical engineering in Bulgaria – Prof. Dimiter Elenkov, DSc.....	473
M. Abreshteh, K. Khandan-Barani, A. Hassanabadi, Aspartic acid as an efficient and green catalyst for the one-pot synthesis of 2-amino-4H-chromene derivatives under thermal, solvent free conditions.....	475
Vinaya, S.Y. Kotian, K.M. Lokanatha Rai, Reduction of nitro compounds using copper as catalyst in dioxolane medium.....	479
A. Ozyilmaz, O. Duysak, D. Bozdogan Konuskan, Proximate (lipid, moisture, ash) levels and fatty acid profiles in edible parts of common cuttlefish (<i>Sepia officinalis</i> , L., 1758) from different geographical areas.....	483
I. Khan, N. Ur Rahman, A. Ali, K. Saeed, Adsorption of cobalt onto activated charcoal and its utilization for decolorization of bromocresol green dyeI.	488
K.V. Nagalakshmi, P. Shyamala, Kinetics of oxidation of $[\text{Fe}(\text{phen})_3]^{+2}$ by persulphate: catalysis in the water pools of CTAB reverse micelles.....	494
Sh. Hussain, Gh. Abbas, Mu. Shahid, Mass spectroscopic and biological activity investigations of bis(triorganotin(IV)) carboxylates with acetylene dicarboxylic acid.....	499
N. Lekishvili, Kh. Barbakadze, B. Arziani, G. Lekishvili, W. Brostow, Antibiocorrosive coatings based on antimicrobial polymer hybrid composites.....	506
M.D. Atanasova, P. Sasheva, I.M. Yonkova, I.A. Doytchinova, Modelling the interaction and prediction of microtubule assembly inhibition of podophyllotoxin and its derivatives by molecular docking.....	513
D. Chamovska, A. Porjazoska Kujundziski, Adsorption of polyacrylamide on activated carbon.....	521
N.M. El-Metwaly, S. Bondock, I.I. Althagafi, A.M. Khedr, A.A. Al-Zahhar, F.A. Saad, Investigating the influence of <i>p</i> -substituents upon spectral, thermal, kinetic, molecular modeling and molecular docking characteristics of new synthesized arylazobithiazolyhydrazones.....	527
G. Akdut, F. Bildik, H. Duran, A. Tuna, T. Şişmanoğlu, B. F. Şenkal, Adsorption of bisphenol A and phenoxyacetic acid onto new polymeric adsorbents.....	541
S.K. Kolev, V.A. Atanasov, H.A. Aleksandrov, V.N. Popov, T.I. Milenov, Semiconducting graphene.....	552
B. Kumar, G.S. Seth, R. Nandkeolyar, Regression model and analysis of MHD mixed convective stagnation point nanofluid flow: SLM and SRM approach	557
F.I. Sapundzhi, Computer modelling and optimization of the structure-activity relationship by using surface fitting methods.....	569
E. Ismailov, I.K. Ivanov, V.Ch. Christov, Trifunctionalized allenes. Part II. A practical regioselective synthesis of 4-phosphorylated β -hydroxyallene-carboxylates.....	580
F. Kanwal, R. Rehman, H.A. Warraich, Synthesis of novel polyaniline composites with <i>Eriobotrya japonica</i> leaves for removal of Methyl Red dye from wastewater.....	586
N.I. Marchokova, V.B. Petkova, M.V. Dimitrov, UV-spectrophotometric approach in comparative studies of Gliclazide modified-release tablets.....	592
D. Azarifar, M. Farbodmehr, O. Badalkhani, M. Jaymand, Sulfamic acid-functionalized silica-coated magnetite nanoparticles as a recyclable catalyst for the facial synthesis of benzimidazole derivatives.....	596
J.M. Zdravković, N.V. Pavlović, J.D. Mladenović, N.M. Vragolović Bošković, N.M. Zdravković, Effects of tomato processing on carotenoids antioxidant activity and stability during one-year storage.....	604
I.I. Iliev, Calibration of a system for air-borne gamma spectrometry survey and mapping implementation.....	611
M. Didarul Islam, Sh. Rahaman, J.H. Jiban, M.M. Mahdi, Removal of chromium from aqueous solution using chitosan: An experimental study.....	618
M. Bchiti, M. Igouzal, F. El Azhar, H. Oudda, A. El Midaoui, Modeling the separation performance of nanofiltration and reverse osmosis: case study of groundwater desalination (M'Nasra zone Morocco).....	625
Author index	632
Subject index	637
Instruction to the authors.....	641