

<i>K. Mehmood, M. Shakeel, M. Siddiq, Solutions and thermodynamic properties of three pharmacologically important drugs in ethanol.....</i>	179
<i>G. Mohammadi Ziarani, Z. Hassanzadeh, A. Badiei, S. Asadi, A. Abolhassani Soorki, Microwave-assisted synthesis of 2,2'-(2-oxindoline-3,3'-diyl)-bis(1H-inden-1,3(2H)-dione) derivatives using SBA-Pr-SO₃H and their antibacterial activities study.....</i>	184
<i>S. Svilović, D. Rušić, R. Stipišić, N. Kuzmanić, Process optimization for copper sorption onto synthetic zeolite NaX.....</i>	189
<i>J. M. Velicković, E. J. Kostić, Comparative analysis of phenolic and mineral composition of traditionally used wild medicinal plants from Southeast Serbia.....</i>	197
<i>L. Dospatliev, M. Ivanova, Comparison of selenium determination in bone tissue samples from lambs, piglets and calves by spectrophotometry and inductively coupled plasma – tandem mass spectrometry.....</i>	203
<i>G. Chinnasamy, S. Kaliannan, P. M. Jeganathan, Development of a novel agitated vessel for gas-induction to improve the gas-liquid mass transfer.....</i>	208
<i>A. Ullah, A. Mushtaq, R. Ahmed Qamar, Z. Uddin Ali, Optimization of an organic waste biogas reactor.....</i>	214
<i>O. Ağyar, A. S. Ertürk, A. Özkaray, M. G. Sucak, Y. Şahin, Estimation of mineral, trace element and fatty acid profile of Anatolian water buffalo milk.....</i>	230
<i>M. N. Joy, Y. D. Bodke, S. Telkar, 4-Methyl-7-alkynyl coumarin derivatives as potent antimicrobials and antioxidants.....</i>	237
<i>B. Abrashev, D. Uzun, A. Kube, N. Wagner, K. Petrov, Optimization of the bi-functional oxygen electrode (BOE) structure for application in a Zn-air accumulator.....</i>	245
<i>P. I. Bozov, Clerodane diterpenoids isolated from Bulgarian species of genus <i>Teucrium</i> (Lamiaceae).....</i>	250
<i>M. R. Mishra, S. M. Hussain, O. D. Makinde, G. S. Seth, Stability analysis and multiple solutions of a hydromagnetic dissipative flow over a stretching/shrinking sheet.....</i>	259
<i>T. K. Georgiev, P. V. Hadzhibozheva, Y. D. Karamalakova, G. D. Nikolova, G. A. Krastev, I. Nedevska, R. Stojanov, A. N. Tolekova, V. G. Gadjeva, Effect of oxidative stress on angiotensin II-induced smooth muscle contractile activity of urinary bladder from fructose fed rats.....</i>	272
<i>N. Yavorov, I. Valchev, Fast-growing tree species as sugar sources.....</i>	278
<i>A. Hristova, S. Valcheva-Kuzmanova, T. Pajpanova, Synthesis and hydrolytic stability of new analogues of Bactenecin 2A.....</i>	284
<i>Selected papers presented on the 16th National Catalysis Conference, Bulgarian catalysis Club, Sofia, June 27, 2019.....</i>	
<i>M. P. Anachkov, P. A. Karakashkova, V. F. Georgiev, S. K. Rakovsky, L. S. Minchev, T. T. Batakliev, Kinetics and mechanism of the ozone reaction with cyclohexanol in solution....</i>	291
<i>V. A. Angelov, T. T. Batakliev, V. F. Georgiev, E. H. Ivanov, R. K. Kotsilkova, Preparation and electromagnetic properties of epoxy/organoclay/MWCNT/gold nanocomposites.....</i>	297
<i>T. Batakliev, V. Georgiev, M. Gabrovska, D. Nikolova, S. Rakovsky, Ozone decomposition on the surface of a novel Mn-Al catalyst in gas phase.....</i>	300
<i>A. E. Eliyas, G. Munteanu, P. Karakashkova, M. Fabian, Parameter optimization of photocatalytic reactors using Taguchi-Grey technique.....</i>	305
<i>V. F. Georgiev, S. I. Minkovska, T. T. Batakliev, P. A. Karakashkova, M. P. Anachkov, Efficient squaraine dye photosensitized TiO₂/rGO catalyst with enhanced catalytic activity for degradation of Methylene Blue.....</i>	310
<i>I. Stoycheva, T. Tsoncheva, B. Tsyntsarski, B. Petrova, G. Georgiev, A. Sarbu, A. Radu, T. Sandu, Biomass-based nanoporous carbon as catalyst support for production of hydrogen by methanol degradation.....</i>	316
<i>M. G. Shopska, I. Zh. Shtereva, H. G. Kolev, K. I. Aleksieva, S. Zh. Todorova, G. B. Kadinov, Activity and selectivity of Co-Pd/TiO₂ catalysts in CO hydrogenation.....</i>	320
<i>INSTRUCTIONS TO AUTHORS.....</i>	328