

AUTHOR INDEX

- Abdel-Hady F., Mazher A. K., Alzahrani A., Hamed M., An inverse approach in designing a humidifier for humidification-dehumidification desalination process..... 469
- Abedi M. R., See Kazemi et al. 449
- Akdoğan A., Çalışkan Koç G., Dirim S. N., Mathematical modeling of thin-layer microwave drying of corn husk and investigation of powder properties..... 986
- Aladağ E., See Bayram et al. 896
- Alam S., See Rehman et al. 816
- Al-Degs Y., See Gergov et al. 410
- Al-Fahami K.H., See Ewais et al. 569
- Ali Ahmed. D., See Sadoudi et al. 68
- Ali N., See Khan et al. 320
- Aliev K., See Ebadi et al. 540
- Alin A., See Gergov et al. 410
- Alizadeh K., Soltani-Afarani H., A comparative study on the ionization constants of a Schiff's base in different environments by multiwavelength UV-Vis spectroscopy..... 890
- Alzahrani A., See Abdel-Hady et al..... 469
- Amin M. M., Khanahmad H., Teimouri F., Sadani M., Karami M. A., Rahimmanesh I., Improvement of biodegradability of explosives using anaerobic-intrinsic bioaugmentation approach 735
- Amrollahi M. A., See Bagherpoor et al. 483
- Amrollahi M. A., See Emtiazi et al. 478
- An Shi J., See Qing et al. 171
- Anđelković D., See Kostić et al. 360
- Anđelković T., See Kostić et al. 360
- Andries C., Manea M., Pocanschi C. L., Pui A., Drochioiu G., Gradinaru V. R., Coordination behavior of Coenzyme A towards gold ions: Spectroscopic, mass spectrometric and microbiological studies 621
- Angelova S. E., See Nikolova-Mladenova et al..... 800
- Angelova V. T., Valcheva V., Vassilev N., Buyukliev R., Mihaylova R., Momekov G., Synthesis, *in vitro* antiproliferative and antimycobacterial activity of thiazolidine-2,4-dione and hydantoin derivative.. 643
- Antonov A. S., See Damov et al. 589
- Anuse M. A., See Gaikwad et al. 914
- Arjmand F., Shafiei F., Modeling of the physicochemical properties of aliphatic alcohols using topological indices and quantitative structure-property relationship 852
- Arnaudov L., See Rangelov et al. 422
- Arslan Y., Trak D., Kendüzler E., Preconcentration and determination of cadmium in some samples using solid phase extraction with slotted quartz tube flame atomic absorption spectrometry 884
- Arvind Narayan S., See Shobana et al. 347
- Ashraf S., See Rehman et al. 823
- Atabay-Ozdemir B., Demirkiran O., Yildiz U., Tekin I. O., Coban B., Cytotoxicity and DNA binding of copper (II) and zinc (II) complexes of flavonoids: quercitrin, myricitrin, rutin..... 901
- Aydın M., See Şimşek et al. 82
- Babahan I., See Coban et al..... 908
- Bagherpoor S., Amrollahi M. A., An efficient ultrasound-promoted method for the synthesis of xanthene derivatives 483
- Baharestan F., See Sadeghi et al..... 330
- Bai H. L., Wang J., Liu C. M., Chromatography of separation and qualitative, quantitative analysis biflavonoids from crude extract of *Selaginella tamariscina* 658
- Baiseitov D. A., Tulepov M. I., Sassykova L. R., Gabdrashova Sh. E., Essen G. A., Kudaibergenov K. K., Mansurov Z. A., Sorption capacity of the oil sorbents for removing of thin films of oil..... 335
- Baiseitov D. A., Tulepov M. I., Sassykova L. R., Gabdrashova Sh. E., Magazova A. N., Dalelkanuly O., Kudyarova Zh. B., Mansurov Z. A., Catalytic hydrogenation of coal of the kazakhstan fields in presence of polymers 600
- Baltacı C., See Kaya et al. 923
- Banaszczak E. W., See Szymański et al. 339
- Bandi R. K., Waghmare A., Hindupur R. M., Pati H. N., A simple, efficient and scalable synthesis of substituted bis-arylchloromethanes..... 79
- Bayram T. T., Nuhoğlu A., Aladağ E., Investigation of biodegradation and growth kinetics of dairy wastewater in a batch reactor..... 896
- Begum I., See Rehman et al. 493
- Bin H., See Zhenzhi et al..... 210, 217
- Bing Chen Q., See Qing et al. 171
- Bojić A., See Kostić et al. 360
- Bojinova A. S., See Nalimova et al. 121
- Bošković I. D., Đukić D. A., Mašković P. Z., Mandić L. G., Phytochemical composition and biological activity of *Echium italicum* L. plant extracts 836
- Boyadjiev B., Boyadjiev Chr., New models of industrial column absorbers. 1.Co-current absorption processes 711
- Boyadjiev B., Boyadjiev Chr., New models of industrial Column Absorbers. 2.Counter-current absorption process 720
- Boyadjiev B., Boyadjiev Chr., New models of industrial column chemical reactors 706
- Boyadjiev Chr., See Boyadjiev et al..... 706, 711, 720
- Brodnjak U. Vr., Improvement of physical and optical properties of chitosan-rice starch films pre-treated with ultrasound 859
- Buyukliev R., See Angelova et al..... 643
- Çalışkan Koç G., See Akdoğan et al. 986
- Cao R.-w., See Feng et al. 685
- Chai Y. R., See Li et al. 697
- Chamkouri N., Zare-Shahabadi V., Niazi A., Ultrasound-assisted dispersive liquid-liquid microextraction with HPLC-UV for the simultaneous determination of Diclofenac potassium and Indomethacin in serum and plasma samples: Experimental design and optimization 994

Chaulia S. N., Synthesis, spectroscopic characterisation and biological activity studies of Co(II), Ni(II), Cu(II) and Zn(II) metal complexes with azo dye ligand derived from 4,4'-diaminodiphenylether and 5-sulpho salicylic acid.....	46	content of biological samples (mushrooms and tobaccos).....	787
Chehardoli G., See Sajjadifar et al.....	87	Doychinova M., See Gergov et al.	410
Chen B., See Yun et al.....	288	Doymaz İ., See Ismail et al.	92
Chen F., See Xin et al.....	145	Draganova K. I., See Mantcheva et al.	371
Chen H. N., See Jia et al.....	190	Drochioiu G., See Andries et al.....	621
Chen H., See He et al.....	193	Du T., See Zeng et al.....	176
Chen H., See Sun et al.....	234	Đukić D. A., See Bošković et al.....	836
Chen H.-L., See Song et al.....	245	Dzimbova T. A., See Sapundzhi et al.....	768
Chen J., Wen J., The degradation and corrosion characteristics of blended amine solution in the coal bed methane decarburization process.....	669	Ebadi A. G., Hisoriev H., Aliev K., Measurement of some chemical and Biochemical parameters in <i>Cladophora glomerata</i> L. from Farahabad Region of Iran.....	540
Chilev C., See Simeonov et al.	399	Ebadi A. G., Hisoriev H., Bio-oil production from fast pyrolysis of <i>Cladophora glomerata</i> in a fluidized bed reactor	504
Chorukova E. Y., See Simeonov et al.....	430	Ebrahimi M., See Kazemi et al.....	449
Christoskova St. G., See Slavova et al.....	761	E-Habib F., See Riaz et al.	354
Coban B., Eser N., Babahan I., DNA binding by copper (II) complexes of semithiocarbazone containing ligands.....	908	Ejaz R., See Rehman et al.	20
Coban B., See Atabey-Ozdemir et al.....	901	Eliyas A. E., See Zaharieva et al.....	652
Cong X., See Li et al.....	250	Emre F. B., Okuşluk F., Tekin S., Sandal S., Investigation on the effect of nano-TiO ₂ synthesized by the hydrothermal method on LNCaP cancer cells	664
Cvetković T., See Kostić et al.....	360	Emtiazi H., Amrollahi M. A., Mg(ClO ₄) ₂ -catalyzed one-pot synthesis of 2-amino-4 <i>H</i> -chromenes and dihydropyrano[<i>c</i>]chromenes	478
Dai S. J., See Sun et al.	678	Engstler J., See Ismail et al.	62
Dai Z.-D., See Song et al.	245	Erkmen J., Effect of residual gases in the electro dialysis cell on mass transfer	611
Dalekhanuly O., See Baiseitov et al.	600	Eser N., See Coban et al.....	908
Damov K. S., Jordanov I. P., Antonov A. S., Iliev M. T., Characterization of aerodispersed systems with increased concentration according to the kinematic viscosity and mass density of their aerosol phase	589	Essen G. A., See Baiseitov et al.....	335
Darbandi H., See Kiyani et al.....	562	Ewais H. A., Ismail I. M., Al-Fahami K.H., Kinetic studies on the formation of silver nanoparticles by reduction of silver(I) with glucose in aqueous and micellar media	569
Das M., See Mahatha et al.....	977	Farman M., See Riaz et al.	354
Daşdan D. Ş., See Fidan et al.....	742	Fei Z. H., See Ke et al.	635
Davaajav Ya., See Purevsuren et al.	34	Feng Y.-l., Yu L.-j., Cao R.-w., Adsorption of Copper ions by Montmorillonite/Sodium Humate/N-Isopropyl Acrylamide composite.....	685
De Luca M., See Gergov et al.....	410	Feodorova Y. N., See Mantcheva et al.....	371
Dehghan H. R., Negarestani A., Rezaie M. R., Study of the possibility of using IXRF technique to detect the elements present in dust using Monte Carlo N Particles.....	874	Fidan İ., Daşdan D. Ş., Karaman F., Kaban Ş., Surface characterization of thiazolidinone derivatives by inverse gas chromatography	742
Demirkiran O., See Atabey-Ozdemir et al.....	901	Firdos A., Tariq A. R., Imran M., Niamat I., Kanwal F., Mitu L., Antioxidant potential of black pepper extract for the stabilization of sunflower oil	31
Denchev D. D., See Simeonov et al.....	430	Frankowska M., See Szymański et al.....	339
Dharmaraja J., See Shobana et al.....	347	Gabdrashova Sh. E., See Baiseitov et al.....	335, 600
Dhaveethu Raja J., See Vadivel et al.....	26	Gaikwad A. P., Suryavanshi V. J., Anuse M. A., Liquid-liquid extraction studies of ruthenium(III) from malonate medium using n-octylaniline as an ion-pairing reagent: study of catalyst and alloys.....	914
Dimitrijević J., See Radovanović et al.....	879	Gandova V., See Petrova et al.....	115
Dimitrov D. I., See Petrova et al.....	115	Gao H., See Huang et al.....	17
Dimitrov D. Tz., See Nalimova et al.	121	Gao Y., See Wang et al.....	228
Dimitrov M., See Tsvetkova et al.....	384	Gece G., Theoretical basis for the corrosion inhibition feature of Argan oil.....	846
Dimitrov O. S., See Koseva et al.....	366	Genadiev V., See Purevsuren et al.	34
Dirim S. N., See Akdoğan et al.....	986		
Dishovsky N. T., See Malinova et al.....	436		
Dobrucka R., The biological synthesis of anatase titanium dioxide nanoparticles using <i>Arnicae anthodium</i> extract.....	595		
Dobruzhaliyev D. G., See Nikolova et al.....	807		
Đorđević D., See Matović-Purić et al.....	390		
Dospatliev L., Ivanova M., Spectrophotometric investigations on liquid-liquid extraction systems containing cobalt and tetrazolium salts. Application of the developed method for analysis of the cobalt			

Georgiev D., See Vlaev et al.....	775	Iliev M. T., See Damov et al.	589
Georgieva A. Ts., See Nalimova et al.....	121	İlter Ş. M., See Kaya et al.	923
Gergov G., Alin A., Doychinova M., De Luca M., Simeonov V., Al-Degs Y., Assessment of different PLS algorithms for quantification of three spectrally overlapping drugs.....	410	Imran M., See Firdos et al.	31
Gil'mundinov Sh. A., See Sassykova et al.	583	Imran M., See Rehman et al.	493
Glavchev I. K., See Purevsuren et al.	34	Iqbal M., See Riaz et al.	354
Glavcheva-Laleva Z. I., See Purevsuren et al.	34	Ismail I. M., See Ewais et al.	569
Gradinaru V. R., See Andries et al.....	621	Ismail N., Joshi R., Engstler J., Schneider J. J., Improved hydrogen storage capacity of CNTs synthesized in presence of iron catalyst using arc discharge method in air atmosphere	62
Grigorova E., Khristov M., Stoycheva I., Tsyntsarski B., Nihtianova D., Markov P., Effect of activated carbons derived from apricot stones or polyolefin wax on hydrogen sorption properties of MgH ₂	109	Ismail O., Kipcak A. S., Doymaz İ., Piskin S., Thin-layer drying kinetics of nectarine slices using IR, MW and hybrid methods	92
Guan Y., See Lu et al.	161	Itoua Bl.V., Ogunniyi D. S., Ongoka P., Petrov L., Effect of fumaric acid on the properties of alkyd resin and palm oil blend.....	127
Gündüz M. G., See Şimşek et al.	82	Ivanov B. B., See Nikolova et al.	807
Guo J. J., See Xu et al.	264	Ivanova M., See Dospatliev et al.....	787
Guo J. J., See Yang et al.	269	Ivanova S., See Tsvetkova et al.....	377, 384
Guo J. J., Zhang R. B., Yang N., Design and evaluation of the microfluidic magnetic isolating method for aquaculture pathogens detection	276	Janani H., See Rezvani et al.	74
Hadjieva B., See Tsvetkova et al.	377	Javaherneshan N., See Sajjadifar et al.....	87
Hamed M., See Abdel-Hady et al.	469	Javid A. H., See Rahbari et al.....	455
Han J., See Huang et al.	17	Jia J., See Xu et al.	264
Han W.-Y., See Lu et al.	161	Jia Y. J., Su W. X., Hu Y. B., Chen H. N., Pt doped TiO ₂ (Pt-TiO ₂) sol gel thin films.....	190
Hao X.-P., See Zhang et al.....	134	Jia Z. N., Yang Y. Y., Qi X. W., Song X. M., Influence of nano-serpentine mineral powder as a lubricating additive on the high-temperature tribological properties of metal friction pairs.....	948
Hasan A. A., Magnetohydrodynamic stability of self-gravitating compressible resistive rotating streaming fluid medium	487	Jiang R., Yu H., Wang L., Limitations of measurements of supercritical CO ₂ sorption isotherms on coals with manometric equipment— A theoretical description	509
Hassanabadi A., See Sadeghi et al.	330	Jiao Tu Y., Wu H., Determination of metal ions by ultrasound-assisted hollow fiber liquid-phase microextraction technique	151
Hassani A. H., See Rahbari et al.	455	Jing D., See Yuan et al.	282
Hayat T., See Khan et al.	320	Jordanov I. P., See Damov et al.	589
He J., See Huo et al.	955	Joshi R., See Ismail et al.	62
He M., Zhu W., Liu F., Chen H., Droplet characteristic adjustment method based on LEM for 3D electronic printing.....	193	Jovičić D., See Matović-Purić et al.	390
Hindupur R. M., See Bandi et al.	79	Joz-Yarmohammadi F., See Kazemi et al.	449
Hisoriev H., See Ebadi et al.	504, 540	Jugović Z., See Matović-Purić et al.	390
Hristov D. S., Velikov S. K., Vodenicharov V. E., Tsanova-Savov S. P., Ribarova F. T., Evaluation of chemical composition, energy and biological value of typical Bulgarian traditional foods.....	782	Kabaivanova L. V., See Simeonov et al.....	430
Hu L.-Sh, Sun B.-F., Experimental studies on a horn-shaped booster pellet.....	829	Kaban Ş., See Fidan et al.....	742
Hu Y. B., See Jia et al.	190	Kadinov G. B., See Zaharieva et al.	652
Hu Y., See Zeng et al.	176	Kafi A., See Sadeghi et al.	330
Huang D., See Huang et al.....	17	Kałwa K., See Kowalski et al.....	928
Huang G. L. , Gao H., Yi C., Huang D., Han J., Study on the synthesis of 2,3,4,6-O-tetraacetyl- α -D-glucopyranosyl bromide.....	17	Kaneva N. V., See Nalimova et al.....	121
Huang J., See Zeng et al.	176	Kanwal A., See Rehman et al.....	493
Huang Z., See Zeng et al.	176	Kanwal F., See Firdos et al.	31
Hubenov V. N., See Simeonov et al.	430	Kanwal F., See Rehman et al.	493
Huo Q., Zhou T., He J., Xue J. Q., Identification of Clenbuterol by MALDI-TOF Mass Spectrometry	955	Kara İ., Yalçinkaya Ö., Evaluation of persistence of gunshot residue (GSR) using graphite furnace atomic absorption spectrometry (GFAAS) method	101
Idakieva K., See Mileva et al.	11	Karahan M., See Vural et al.	557
Ignatova K., Marcheva Y., Composition and structure of Ni-Co coating depending on the ratio of Ni and Co in a citrate electrolyte.....	313	Karakirova Y. G., Nakagawa K., Yordanov N. D., Investigation of sugar irradiated with He, Ne and C ions for dosimetric purposes	629
		Karaman F., See Fidan et al.	742

Karami M. A., See Amin et al.	735	Li J. M., See Yu et al.	943
Karvar S., Rezagholipour Dizaji H., Unidirectional growth of $\text{CoNi}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ single crystal by Sankaranarayanan–Ramasamy (SR) method	608	Li L. J., See Yu et al.	943
Kaya A. A., Üçüncü O., İter Ş. M., Baltacı C., Öztürk S., Chemical composition and bioactive properties of the essential oil of <i>Rhinanthus angustifolius</i> subsp. <i>Grandiflorus</i>	923	Li L., See Xiong et al.	499
Kazemi F., Zamani H. A., Joz-Yarmohammadi F., Ebrahimi M., Abedi M. R., Application of 1, 4-diaminoanthraquinone as a new selectophore material for construction of potentiometric iron (III)-selective electrode	449	Li M., Cong X., Chemical changes and the mechanisms in the sintering process of sea silt	250
Ke C. Z., Wang N., Li W. X., Shi W. Z., Fei Z. H., Adsorption properties of 4-Phenylphenol in aqueous solution with adsorption resins chemically modified.	635	Li T., Xu W. H., Chai Y. R., Wang Z. Y., Xie D. T., Differences of Cd uptake and expression of Cd-tolerance related genes in two varieties of ryegrasses	697
Ke C.-Y., See Zhang et al.	134	Li W. X., See Ke et al.	635
Kecili A., See Sadoudi et al.	68	Li W., See Yun et al.	288
Kendüzler E., See Arslan et al.	884	Li W., See Zeng et al.	176
Khan A., See Riaz et al.	354	Li Z., See Yang et al.	269
Khan S. U., Ali N., Hayat T., Analytical and numerical study of the diffusion of chemically reactive species in an Eyring-Powell fluid over an oscillatory stretching surface	320	Liang H., See Shang et al.	936
Khanahmad H., See Amin et al.	735	Liang X., See Sun et al.	234
Khristov M., See Grigorova et al.	109	Libo N., See Zhenzhi et al.	210
Kindekov I., See Mileva et al.	11	Lihareva N., Petrov O., Tzvetanova Y., Modelling of Cs^+ uptake by natural clinoptilolite from water media	577
Kipcak A. S., See Ismail et al.	92	Liu J.-L., See Zhang et al.	134
Kiradzhiyska D. D., See Mantcheva et al.	371	Liu C. M., See Bai et al.	658
Kiyani H., Darbandi H., One-pot three-component synthesis of 1-amidoalkyl-2-naphthols in the presence of phthalimide- <i>N</i> -sulfonic acid	562	Liu F., See He et al.	193
Kökpinar Ö., See Şimşek et al.	82	Liu J., Zeng X., Zhou D., Zhao Y., Pan X., Environmental safety assessment on chlorination by-products in brine discharged from desalination plant	157
Kononova I. E., See Nalimova et al.	121	Liu L., See Liu et al.	199
Koseva I. I., Tzvetkov P. T., Yordanova A. S., Marychev M. O., Dimitrov O. S., Nikolov V. S., Preparation of chromium doped LiAlSiO_4 glass-ceramics	366	Liu W. G., See Sun et al.	678
Kostić I., Anđelković T., Anđelković D., Bojić A., Cvetković T., Pavlović D., Quantification of DEHP into PVC components of intravenous infusion containers and peritoneal dialysis set before and after UV-A treatment	360	Liu Y. G., Zhang Y., Yan J., Xu Y. J., Rheological properties of RHMOD-INVERT™—A Study on a novel oilbased drilling fluid with high thixotropy	527
Kostova B. D., See Slavkova et al.	792	Liu Y., Liu L., Shi G., Shi J., Lai W. L., Research on the synthesis and characterization of abiraterone acetate	199
Kowalska G., See Kowalski et al.	928	Lu Y.-J., Wu X.-M., Guan Y., Zhang S.-L., Wang J.-L., Zhao J.-X., Han W.-Y., Shen Z.-Q., Optimization of cell culture for H9N2 subtype AIV and establishment of high-yield cell strain	161
Kowalski R., Kowalska G., Pankiewicz U., Sujka M., Kałwa K., GC analysis in evaluation of changes in fatty acids content of selected fats during storage and heating	928	Lujic C., See Zhenzhi et al.	210
Krastev D., See Mileva et al.	11	Ma D., See Song et al.	534
Krasteva L. K., See Nalimova et al.	121	Ma X., See Zhong et al.	520
Krinickaitė A., See Paliulis et al.	868	Magazova A. N., See Baiseitov et al.	600
Kroumova E. Tz., See Simeonov et al.	430	Mahatha B. K., Nandkeolyar R., Das M., Sibanda P., Stagnation point nanofluid flow along a stretching sheet with non-uniform heat generation/absorption and Newtonian heating	977
Kudaibergenov K. K., See Baiseitov et al.	335	Mahmud T., See Rehman et al.	20
Kudyarova Zh. B., See Baiseitov et al.	600	Malinova A., Dishovsky N. T., Tzanev A. Tz., Study on the influence of devulcanization conditions on the reclaim-based vulcanizates operation characteristics	436
Kumar S., See Sharma et al.	309	Mandić L. G., See Bošković et al.	836
Lai W. L., See Liu et al.	199	Manea M., See Andries et al.	621
Li B., See Xiong et al.	499	Manojlović N., See Radovanović et al.	879
Li D., See Zeng et al.	176	Mansurov Z. A., See Baiseitov et al.	335, 600
		Mantcheva R. D., Kiradzhiyska D. D., Feodorova Y. N., Draganova K. I., Biocompatibility of aluminium alloys and anodic Al_2O_3	371
		Mao H. P., See Yang et al.	269
		Marcheva Y., See Ignatova et al.	313

Markov P., See Grigorova et al.....	109	Nuhoğlu A., See Bayram et al.....	896
Marychev M. O., See Koseva et al.....	366	Obreshkova D., See Tsvetkova et al.....	377, 384
Mašković P. Z., See Bošković et al.....	836	Ogunniyi D. S., See Itoua et al.....	127
Mašković P., See Matović-Purić et al.....	390	Okuşluk F., See Emre et al.....	664
Matović-Purić I., Pecarski D., Jugović Z., Jovičić D., Dorđević D., Mašković P., Comparative study of some biochemical parameters of the fungi <i>Mucor</i> <i>plumbeus</i> , <i>Aspergillus niger</i> and <i>Trichoderma</i> <i>harzianum</i>	390	Ongoka P., See Itoua et al.....	127
Mazher A. K., See Abdel-Hady et al.....	469	Ouddai N., See Merouani et al.....	690
Mehrgan M. R., See Rahbari et al.....	455	Ounissi A., See Merouani et al.....	690
Merouani H., Ounissi A., Ouddai N., DFT study of nitrogenated heterocycles of six and seven links .	690	Öztürk S., See Kaya et al.....	923
Mihailova S. N., See Simeonov et al.....	430	Paliulis D., Krinickaitė A., Removal of lead (Pb ²⁺) from synthetic wastewater using calcium pectate	868
Mihalev K., See Petrova et al.....	115	Pan Q., See Zhang et al.....	134
Mihaylova R., See Angelova et al.....	643	Pan X., See Liu et al.....	157
Milanov P. B., See Sapundzhi et al.....	768	Pankiewicz U., See Kowalski et al.....	928
Milenova K. I., See Zaharieva et al.....	652	Papazova K. I., See Nalimova et al.....	121
Mileva M. , Raynova Y., Kindekov I., Krastev D., Idakieva K., In vitro investigation of the antioxidant properties of Cancer pagurus hemocyanin	11	Pati H. N., See Bandi et al.....	79
Ming G. Z., See Zhenzhi et al.....	217	Pavlović D., See Kostić et al.....	360
Mitu L., See Firdos et al.....	31	Pecarski D., See Matović-Purić et al.....	390
Mitu L., See Rehman et al.....	20, 493, 816	Pelit Arayici P., See Vural et al.....	557
Mitu L., See Shobana et al.....	347	Pencheva N. S., See Sapundzhi et al.....	768
Mitu L., See Vadivel et al.....	26	Peng Shao X., See Qing et al.....	171
Momekov G. Tz., See Slavkova et al.....	792	Peng X., See Xiong et al.....	499
Momekov G., See Angelova et al.....	643	Petrov L., See Itoua et al.....	127
Momekova D. B., See Slavkova et al.....	792	Petrov O., See Lihareva et al.....	577
Moshnikov V. A., See Nalimova et al.....	121	Petrov P. D., See Slavkova et al.....	792
Mustafaeva Z., See Vural et al.....	557	Petrova I., Shikov V., Gandova V., Mihalev K., Dimitrov D. I., Spectrophotometric and thermodynamic study on the co-pigmentation interaction between strawberry anthocyanins and quercetin in model systems.....	115
Nakagawa K., See Karakirova et al.....	629	Ping L. L., Tao Y. J., Friction stir welding automatic effect on building the microstructure and properties of highnickel steel.....	239
Nalibayeva A., See Sassykova et al.....	583	Piskin S., See Ismail et al.....	92
Nalimova S. S., Kononova I. E., Moshnikov V. A., Dimitrov D. Tz., Kaneva N. V., Krasteva L. K., Syuleyman S. A., Bojinova A. S., Papazova K. I., Georgieva A. Ts., Investigation of the vapor- sensitive properties of zinc oxide layers by impedance spectroscopy.....	121	Pocanschi C. L., See Andries et al.....	621
Namkhainorov J., See Purevsuren et al.....	34	Pui A., See Andries et al.....	621
Nandkeolyar R., See Mahatha et al.....	977	Purevsuren B., Davaajav Ya., Namkhainorov J., Glavcheva-Laleva Z. I., Genadiev V., Glavchev I. K., Pyrolysis of animal bone, characterization of the obtained char and tar and application of bone tar for crosslinking of epoxy resin.....	34
Narayan S. A., See Vadivel et al.....	26	Qi X. W., See Jia et al.....	948
Negarestani A., See Dehghan et al.....	874	Qian J., See Zeng et al.....	176
Nenkova S. K., See Radoykova et al.....	40	Qian X., See Shang et al.....	936
Nenkova S., See Raicheva et al.....	139	Qing Wei L., Yan Jiang X., An Shi J., Zhou Zhao W., Peng Shao X., Bing Chen Q., Sun Y., Study on dust- catching and inhibiting microorganism ability of Jacaranda mimosifolia under the same condition of compare experiment	171
Niamat I., See Firdos et al.....	31	Radeva G., See Raicheva et al.....	139
Niazi A., See Chamkouri et al.....	994	Radovanović A., See Radovanović et al.....	879
Nihtianova D., See Grigorova et al.....	109	Radovanović B., Radovanović A., Nikolić V., Manojlović N., Dimitrijević J., Storage effect on phenolic content and antioxidant activity in selected fruit extracts.....	879
Nikolić V., See Radovanović et al.....	879	Radoykova T. Hr., Nenkova S. K., Valchev I. V., Monomeric phenolic compounds from hydrolyzed waste lignocellulosic materials	40
Nikolov R., See Raicheva et al.....	139	Rahbari K., Hassani A. H., Mehrgan M. R., Javid A. H., Evaluating the performance of decision-making units using hybrid neural network model for	
Nikolov V. S., See Koseva et al.....	366		
Nikolova D. S., Ivanov B. B., Dobruzhaliiev D. G., Optimal energy management in brewing	807		
Nikolova-Mladenova B. I., Angelova S. E., Synthesis of 5-nitrosalicylaldehyde based hydrazones and DFT- calculations of their structure and reactivity	800		
Norouzi B., Tajjedin S., Application of modified carbon paste electrode with multiwall carbon nanotube as a simple and an effective catalyst for determination of cefexime in real samples.....	729		

predicting the performance and data envelopment analysis approach Case study: Khuzestan steel company treatment plant.....	455
Rahimmanesh I., See Amin et al.....	735
Raicheva L., Radeva G., Nenkovska S., Nikolov R., Adsorption characteristics of activated carbon obtained from residual hydrolyzed lignin	139
Rangelov A., Arnaudov L., Stoyanov S., Spassov T., Gelatinization of industrial starches studied by DSC and TG	422
Rasheed S., See Rehman et al.....	493
Rasool N., See Riaz et al.	354
Rather S. U., Corrosion study of ferrites prepared by hydrothermal method	444
Rauf A., See Rehman et al.....	20
Raynova Y., See Mileva et al.	11
Rehman R., Alam S., Mitu L., Diamond green dye adsorptive removal from water by carrot pulpy waste and potato peels.....	816
Rehman R., Ashraf S., Analysis of caffeine contents in commercial beverages and tea samples of Pakistan using UV/Visible spectrometry	823
Rehman R., Mahmud T., Ejaz R., Rauf A., Mitu L., Sorptive removal of Direct Blue-15 dye from water using <i>Camellia sinensis</i> and <i>Carica papaya</i> leaves. 20	
Rehman S., Rasheed S., Imran M., Kanwal A., Kanwal F., Begum I., Mitu L., Sunflower and soybean oil stabilized with natural extracts of turnip's peel....	493
Rezagholipour Dizaji H., See Karvar et al.....	608
Rezaie M. R., See Dehghan et al.	874
Rezvani A. R., Janani H., Rostami-Charati F., Skelton B. W., Synthesis of a new five-coordinate ternary copper (II) complex: crystal structure and spectral studies	74
Riaz M., Rasool N., Iqbal M., Tawab A., E-Habib F., Khan A., Farman M., Liquid chromatography-electrospray ionization-tandem mass spectrometry (LC-ESI-MS/MS) analysis of <i>Russelia equisetiformis</i> extract.....	354
Ribarova F. T., See Hristov et al.....	782
Rostami-Charati F., See Rezvani et al.	74
Sadani M., See Amin et al.	735
Sadeghi B., Baharestan F., Kafi A., Hassanabadi A., Clean, simple and efficient synthesis of spiro-2-amino-4 <i>H</i> -pyran-3-carbonitrile via $\text{HBF}_4\text{-SiO}_2$ nanoparticles: a green protocol	330
Sadoudi R., Ali Ahmed. D., Trache M., Kecili A., Studies of the physico-chemical characteristics and fatty acid composition of commercially available Algerian frying edible oils	68
Şafak C., See Şimşek et al.	82
Sajjadifar S., Zolfigol M. A., Javaherneshan N., Chehardoli G., Comparison between acetic acid and propanoic acid as a solvent/catalyst in the indolenines synthesis: an approach without any indole by-product.....	87
Sandal S., See Emre et al.	664
Sankarganesh M., See Vadivel et al.....	26
Sapundzhi F. I., Dzimbova T. A., Pencheva N. S., Milanov P. B., Modeling of the relationship between biological activity of delta-selective enkephalin analogues and docking results by polynomials.....	768
Saso L., See Tsvetkova et al.....	384
Sassykova L. R., Nalibayeva A., Gil'mundinov Sh. A., Development of technology of synthesis of catalysts for neutralization of emissions of the industry and motor transport	583
Sassykova L. R., See Baiseitov et al.	335, 600
Schneider J. J., See Ismail et al.	62
Shafiei F., See Arjmand et al.....	852
Shang W., Qian X., Liang H., Preparation of modified diatomite filler via a starch-fatty acid complex coating method for improvement of paper strength properties	936
Sharma D. K., Kumar S., A facile synthesis of 3-chloro-2-phenyl-4 <i>H</i> -chromen-4-ones using grinding technique at room temperature	309
Shen Z.-Q., See Lu et al.	161
Shi G., See Liu et al.....	199
Shi J., See Liu et al.....	199
Shi W. Z., See Ke et al.	635
Shikov V., See Petrova et al.....	115
Shobana S., See Vadivel et al.....	26
Shobana S., Subramaniam P., Dharmaraja J., Arvind Narayan S., Mitu L., Stability studies on solution equilibria of Zn(II) pyrimidine nucleus bases.....	347
Shopska M. G., See Zaharieva et al.	652
Sibanda P., See Mahatha et al.	977
Simeonov E., Yaneva Z., Chilev C., Investigation of the mechanism and kinetics of extraction from plant materials	399
Simeonov I. S., Denchev D. D., Kabaivanova L. V., Kroumova E. Tz., Chorukova E. Y., Hubenov V. N., Mihailova S. N., Different types of pretreatment of lignocellulosic wastes for methane production.....	430
Simeonov V., See Gergov et al.	410
Şimşek R., Gündüz M. G., Şafak C., Kökpınar Ö., Aydın M., Free radicals properties of some gamma-irradiated organic compounds.....	82
Siwek R., See Szymański et al.	339
Skelton B. W., See Rezvani et al.....	74
Slavkova M. Iv., Momekova D. B., Kostova B. D., Momekov G. Tz., Petrov P. D., Novel dextran/ β -cyclodextrin and dextran macroporous cryogels for topical delivery of curcumin in the treatment of cutaneous T-cell lymphoma.....	792
Slavova I. A., Christoskova St. G., Stoyanova M. K., Catalytic oxidation of Rhodamine B in aqueous solutions with sulphate radicals over $\text{Co}_3\text{O}_4/\text{MgO}$ and $\text{CoFe}_2\text{O}_4/\text{MgO}$	761
Soltani-Afarani H., See Alizadeh et al.	890
Song G., See Song et al.	245
Song J., Dai Z.-D., Song G., Chen H.-L., Study on the nonisothermal crystallization behavior of polyvinyl alcohol/montmorillonite composite by DSC analysis	245
Song W., Ma D., Wu K., Zhu Y., Wu J., Yu B., Core-flooding experimental study of oil displacement by using sulfate-reducing bacteria	534
Song X. M., See Jia et al.	948

Spassov T., See Rangelov et al.	422	Valchev I. V., See Radoykova et al.	40
Stoyanov S., See Rangelov et al.	422	Valcheva V., See Angelova et al.	643
Stoyanova M. K., See Slavova et al.	761	Vassilev N., See Angelova et al.	643
Stoycheva I., See Grigorova et al.	109	Velikov S. K., See Hristov et al.	782
Su W. X., See Jia et al.	190	Vlaev S. D., Georgiev D., Shear on particles exposed to backsweped mixing flow with a view to stress- sensitive cell response	775
Subramaniam P., See Shobana et al.	347	Vodenicharov V. E., See Hristov et al.	782
Sujka M., See Kowalski et al.	928	Vural P., Karahan M., Pelit Arayici P., Mustafaeva Z., Radiation induced formation of poly (N-isopropyl acrylamide)-bovine serum albumin covalent conjugates and their immunogenicity	557
Sun B.-F., See Hu et al.	829	Waghmare A., See Bandi et al.	79
Sun J., See Yang et al.	269	Wan B., See Wang et al.	204
Sun L., Liang X., Wang Q., Chen H., Material composition detection using an image segment with an improved artificial bee colony algorithm	234	Wang G., Gao Y., Tang Y., Research on the mechanism for chemical clogging and its effect on the stability of tailing dam	228
Sun W. H., Dai S. J., Liu W. G., Yu L. T., Study on removing impurity from magnesite ore by two step reverse flotation. Study on removing impurity by two step reverse flotation	678	Wang H., See Xin et al.	145
Sun Y., See Qing et al.	171	Wang J., See Bai et al.	658
Sun Y., See Yun et al.	288	Wang J., See Zeng et al.	176
Suryavanshi V. J., See Gaikwad et al.	914	Wang J.-L., See Lu et al.	161
Syuleyman S. A., See Nalimova et al.	121	Wang L., See Jiang et al.	509
Szymański A., See Szymański et al.	339	Wang L., Wan B., Research on the physics-of-the failure model for corrosion damage accumulation under a multi-level stress profile based on the acceleration factor	204
Szymański M., Banaszczak E. W., Siwek R., Frankowska M., Szymański A., Caffeine release from selected pharmaceutical preparation	339	Wang N., See Ke et al.	635
Tajjedini S., See Norouzi et al.	729	Wang Q., See Sun et al.	234
Tang Y., See Wang et al.	228	Wang Z. Y., See Li et al.	697
Tao Y. J., See Ping et al.	239	Wang Zh. Ch., See Yu et al.	969
Tariq A. R., See Firdos et al.	31	Wei X., See Zhong et al.	520
Tawab A., See Riaz et al.	354	Wen J., See Chen et al.	669
Teimouri F., See Amin et al.	735	Weng L., See Xiong et al.	499
Tekin I. O., See Atabey-Ozdemir et al.	901	Wu H., See Jiao et al.	151
Tekin S., See Emre et al.	664	Wu J., See Song et al.	534
The 4th Asia-Pacific Conference on Engineering Technology (APCET 2016)	183	Wu K., See Song et al.	534
The Institute of Chemical Engineering at the Bulgarian Academy of Sciences – 30 years recap	5	Wu X.-M., See Lu et al.	161
Tian J., See Zhong et al.	520	Xie D. T., See Li et al.	697
Trache M., See Sadoudi et al.	68	Xin Y., Wang H., Chen F., Synthesis and anti-plant pathogenic fungal activity of novel benzofuran-2- carboxamide derivatives	145
Trak D., See Arslan et al.	884	Xiong Z., Li B., Li L., Peng X., Yin Y., Weng L., Reaction mechanisms between acrylamide and mercaptan in high temperature system with different humidity	499
Tsanova-Savov S. P., See Hristov et al.	782	Xu C., See Xu et al.	264
Tsvetkov M. P., See Zaharieva et al.	652	Xu P. F., See Yang et al.	269
Tsvetkova D. D., Ivanova St. A., Saso L., Obreshkova D., Dimitrov M., Estimation of linearity and precision of the HPLC-HILIC method for analysis of estradiol hemihydrate	384	Xu P. F., Yang N., Jia J., Xu C., Guo J. J., A kind of integrated microfluidic system for rapid pathogenic botrytis cinerea detection	264
Tsvetkova D., Obreshkova D., Ivanova S., Hadjieva B., Evaluation of the separation of steroids in combined forms by RP HPLC with UV-detection and gas chromatography	377	Xu W. H., See Li et al.	697
Tsyntsarski B., See Grigorova et al.	109	Xu Y. J., See Liu et al.	527
Tulepov M. I., See Baiseitov et al.	335, 600	Xue J. Q., See Huo et al.	955
Tzanev A. Tz., See Malinova et al.	436	Xue L., See Yun et al.	288
Tzvetanova Y., See Lihareva et al.	577	Xuexin Y., Preparation and functional properties of maltose ester lactate	256
Tzvetkov P. T., See Koseva et al.	366	Yahui B., Gas-liquid flows in porous media and coupling effects	617
Üçüncü O., See Kaya et al.	923	Yalçinkaya Ö., See Kara et al.	101
Vadivel M., Shobana S., Narayan S. A., Mitu L., Dhaveethu Raja J., Sankarganesh M., Optimization of process conditions and characterization of ethylene-propylene-diene rubber with bismaleimide	26	Yan J., See Liu et al.	527

Yan Jiang X., See Qing et al.	171	Photocatalytic ability of abiotic and biotic materials for discoloration of malachite green and reactive Black 5 dyes	652
Yan P., See Yuan et al.	185, 282	Zamani H. A., See Kazemi et al.	449
Yaneva Z., See Simeonov et al.	399	Zare-Shahabadi V., See Chamkouri et al.	994
Yang F., See Zhang et al.	134	Zeng X., See Liu et al.	157
Yang N., Li Z., Sun J., Xu P. F., Guo J. J., Mao H. P., Interference analysis for pesticide residue photometric detection based on integrated microfluidic chip	269	Zeng Y., Li W., Huang J., Huang Z., Wang J., Qian J., Yuan A., Du T., Hu Y., Li D., Study on new rural domestic sewage treatment technology based on CASS and VBF.....	176
Yang N., See Guo et al.	276	Zhang Q.-Z., Liu J.-L., Yang F., Hao X.-P., Ke C.-Y., Pan Q., Zhang X.-L., Density functional theory based study of the heat of polymerization of olefins .	134
Yang N., See Xu et al.	264	Zhang R. B., See Guo et al.	276
Yang Y. Y., See Jia et al.	948	Zhang S.-L., See Lu et al.	161
Yi C., See Huang et al.	17	Zhang W. Q., See Yu et al.	969
Yildiz U., See Atabay-Ozdemir et al.	901	Zhang X.-L., See Zhang et al.	134
Yin Y., See Xiong et al.	499	Zhang Y. S., See Yu et al.	969
Ying G., Quality grading system of Jadeite-Jade green based on three colorimetric parameters under CIE standard light sources D ₆₅ , CWF and A	961	Zhang Y., See Liu et al.	527
Yordanov N. D., See Karakirova et al.	629	Zhao J.-X., See Lu et al.	161
Yordanova A. S., See Koseva et al.	366	Zhao Y., See Liu et al.	157
Yu B., See Song et al.	534	Zhengming, See Zhenzhi et al. G.	210
Yu H. L., Zhu J. M., Zhang Y. S., Zhang W. Q., Wang Zh. Ch., Study on the water resistance performance of floor rockmass under different fracture combinations	969	Zhenzhi G., Bin H., Ming G. Z., Numerical analysis of surface cracks of spherical explosive with a cushion	217
Yu H., See Jiang et al.	509	Zhenzhi G., Bin H., Zhengming G., Libo N., Lujie C., Study on the influence of different clearance on the crack of PBX explosive	210
Yu L. T., See Sun et al.	678	Zhong K., Tian J., Wei X., Ma X., The performance test and evaluation of rock asphalt modified asphalt and mixture.....	520
Yu L.-j., See Feng et al.	685	Zhou D., See Liu et al.	157
Yu Z. Q., Zhou G. S., Zhu S. D., Li J. M., Li L. J., Influence of sensitizing treatment on the corrosion resistance of Incoloy 028 alloy	943	Zhou G. S., See Yu et al.	943
Yuan A., See Zeng et al.	176	Zhou T., See Huo et al.	955
Yuan Z., Yan P., Hydroxyl radical scavenging activity of microparticles prepared from solid fermentation by edible-medicinal fungi	185	Zhou Zhao W., See Qing et al.	171
Yuan Z., Yan P., Jing D., Optimization of fermenting conditions for antioxidant activity and yield of polysaccharides from mushroom solid fermentation .	282	Zhu J. M., See Yu et al.	969
Yun T., Chen B., Li W., Sun Y., Xue L., Using point cloud data for tree organ classification and real leaf surface construction	288	Zhu S. D., See Yu et al.	943
Zaharieva K. L., Milenova K. I., Shopska M. G., Tsvetkov M. P., Eliyas A. E., Kadinov G. B.,		Zhu W., See He et al.	193
		Zhu Y., See Song et al.	534
		Zolfigol M. A., See Sajjadifar et al.	87