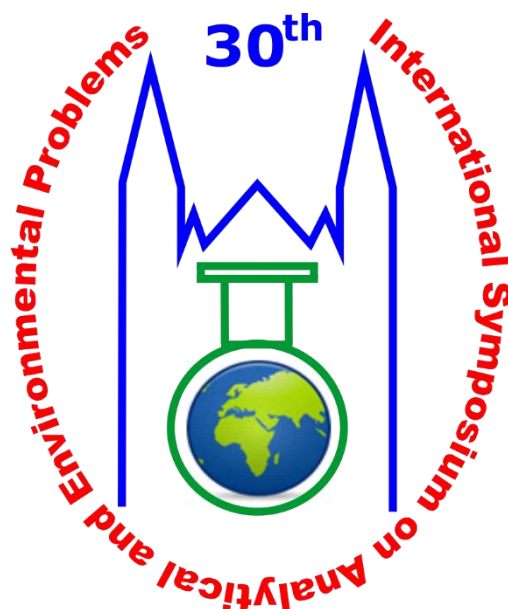




***30th International
Symposium on Analytical and Environmental Problems***

POSTER SCHEDULE



***Szeged, Hungary
October 7-8, 2024
University of Szeged***

Poster Presentations: Monday

Poster presenters are asked to hang up their posters between 8³⁰-10⁰⁰ Monday, and remove them after 16³⁰.

1. **THE AGRICULTURAL SYSTEM AND THE VARIETY OF CROPS FROM CIACOVA**, Okros Adalbert, Mihuț Casiana, Cozma Antonela, Mircov Vlad Dragoslav, Eremi Ovidiu
2. **ENHANCING THE SURFACE REACTIVITY OF SEASHELLS BY THERMO-CHEMICAL METHODS**, Alexandra Ioana Bucur, Mihai-Cosmin Pascariu, Raul Alin Bucur, Cristina Mosoarca, Bogdan-Ovidiu Taranu, Radu Banica
3. **GANGLIOSIDOMICS OF CEPHALIC DISORDERS BY ION MOBILITY MASS SPECTROMETRY**, Maria-Roxana Biricioiu, Mirela Sarbu, Raluca Ica, Željka Vukelić, David E. Clemmer, Alina D. Zamfir
4. **IMPROVED FERROELECTRIC PROPERTIES IN BaTiO₃ CERAMICS**, Bucur Raul Alin, Badea Iuliana, Bucur Alexandra Ioana
5. **DETERMINATION OF PHYSICAL PARAMETERS FOR DIFFERENT EDIBLE OILS**, Cozma Antoanela, Velciov Ariana, Mihuț Casiana, Anisoara Duma-Copcea, Mircov VladI, Popescu Sofia, Radu Florina, Rotariu Lia, Stoin Daniela, Alexa Ersilia, Maria Rada
6. **H₂O₂ ELECTROANALYTICAL DETECTION AT MODIFIED ELECTRODE BASED ON MELDOLA BLUE AND CARBON AEROGEL MATRIX**, Carmen Ioana Fort, Graziella Liana Turdean
7. **SOME ASPECTS REGARDING THE TRACEABILITY OF FOOD PRODUCTS**, Zeno Gârban, Florin Muselin, Cristina Szabo, Robert Ujhelyi, Sorin Marinescu
8. **IDENTIFICATION AND CHARACTERIZATION OF SIALYLATED GLYCOLIPIDS IN TLR2D KNOCKOUT GENE**, Raluca ICĂ, Mirela SĂRBU, Kristina MLINAC-JERKOVIĆ, Svjetlana KALANJ-BOGNAR, Roxana Biricioiu, Alina ZAMFIR
9. **DETERMINATION OF PARACETAMOL FROM PARACETAMOL-IBUPROFEN MIXTURES USING ZERO, FIRST AND SECOND DERIVATIVE OF UV-VIS SPECTRA**, Ioana M.C. Ienașcu, Adina Căta, Antonina Lazăr, Nick S. Țolea, Dan Roșu
10. **PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITY EVALUATION OF SOME SALIX, VIBURNUM AND ALNUS PLANT EXTRACTS**, Antonina Lazăr, Neli K. Olah, Adina Căta, Nick S. Țolea¹, Dan Roșu, Ioana M.C. Ienașcu
11. **SOLID STATE SYNTHESIS OF UNDOPPED Zn₃Nb₂O₈ AND DOOPED WITH Er³⁺**, Liviu Mocanu, Mina-Ionela Morariu, Mircea Nicolaescu, Mihaela Birdeanu
12. **SOME NUTRITIONAL PROPERTIES OF COW CHEESE WITH GOJI FRUITS ADDED** Ariana-Bianca Velciov, Antoanela Cozma, Georgeta-Sofia Popescu, Daniela Stoin, Andreea Petcov, Corina Megyesi, Laura Rădulescu, Iasmina-Mădălina Anghel, Marioara Drugă, Maria Rada
13. **NOVEL THIOPHENE-CONTAINING COMPOUNDS OBTAINED BY USING 5-BROMO-2-THIOPHENECARBOXYLIC ACID AS SCAFFOLD**, Bogdan Mara, Liliana Cseh
14. **SENSORIAL AND PHYSICO-CHEMICAL CHARACTERIZATION OF PASTA FROM DURUM WHEAT FLOUR ENRICHED WITH CHESTNUT FLOUR**, Corina-Iuliana Megyesi, Ariana-Bianca Velciov, Laura Rădulescu, Bujancă Gabriel, Alexandru Rinovetz
15. **SOIL RESOURCES AND LIMITING FACTORS IN SĂVÂRȘIN, ARAD COUNTY**, Mihuț Casiana, Okros Adalbert, Cozma Antonela, Duma Copcea Anisoara, Mircov Vlad Dragoslav, Durău Carmen, Eremi Ovidiu
16. **CLASSIFICATION OF MELANOMA PATIENTS TREATED BY IMMUNOTHERAPY**, Srđan Milićević, Buda Bajić, Katarina Vidojević, Marija Delić
17. **THE USE OF HYBRID MATERIALS (Mg₃Al-LDH/IONIC LIQUIDS/CHITOSAN) IN THE RECOVERY PROCESS OF Pd IONS FROM AQUEOUS SOLUTIONS**, Emilia Milos, Laura Cocheci, Adriana Popa, Anca Filimon, Lavinia Lupa
18. **COMPARATIVE MORPHO-STRUCTURAL AND ELECTROCHEMICAL CHARACTERIZATION OF FTO-BASED OXIDE FILMS CORRELATED WITH SYNTHESIS METHOD**, Mina-Ionela Morariu (Popescu), Mircea Nicolaescu, Corina Orha, Carmen Lazau, Cornelia Bandas
19. **ASSESSMENT OF Y₂SiO₅:Pr³⁺ COMPOUND TOXICITY ON E. coli**, Cristina Mosoarca, Radu Banică, Vetési Ramona, Željka Antić, Miroslav D. Dramićanin
20. **CONTROL OF CACOPSYLLA PYRI USING CHLORANTRANILIPROLE AND DELTAMETHRIN**, Đura NadI, Antonije ŽunićI, Dušan Marinković, Vojislava Bursić, Gorica Vuković, Bojana Špirović Trifunović
21. **Cu₂O/CuO(NW) FLEXIBLE SUPERCAPACITOR ELECTRODE FABRICATED ON COPPER MESH**, Mircea Nicolaescu, Mina-Ionela Morariu (Popescu), Narcis Duțeanu, Iosif Hulka, Corina Orha, Carmen Lăzău, Cornelia Bandas
22. **GENERAL ASPECTS OF THE COAGULATION PROCESS FOR THE REMOVAL OF ARSENIC FROM SIMULATED GROUNDWATER**, Adina PacalaI, Dorian-Gabriel NeidoniI, Sorina-Claudia Negrea, Lidia-Ani Diaconu, Anda-Gabriela Tenea, Cristina Dinu, Mihai Stefanescu
23. **ANTIOXIDANT ACTIVITY DETERMINATION OF HOT TRUB EXTRACTS USING GREEN EXTRACTION METHODS**, Jelena Pejčin*, Teodora Subić, Milana Pribić, Lenka Grubač, Sanja Milošević, Danica Božović, Branimir Pavlić
24. **IN SILICO EVALUATION OF TETRAHYMENA PYRIFORMIS TOXICITY FOR TWO SERIES OF NOVEL SUCCINIMIDE DERIVATIVES**, Damir PinterI, Maja Milanović, Jelena Kvrđić, Dunja Vidović, Nataša Milošević, Nataša Milić, Nebojša Banjac
25. **QSTR STUDY FOR TWO SERIES OF NOVEL SUCCINIMIDE DERIVATIVES – EVALUATION OF IN SILICO MINNOW TOXICITY**, Damir Pinter, Nataša Milošević, Nataša Milić, Jelena Kvrđić, Dunja Vidović, Nebojša Banjac, Maja Milanović

26. DEVELOPMENT OF INNOVATIVE FORMULAS OF VERMOUTH WITH PARTICULAR PROPERTIES, *Diana Moigradean, Mariana-Atena Poiana, Liana-Maria Alda, Despina-Maria Bordea, Daniela Stoin, Simion Alda, Florina Radu*
27. SYNTHESIS, STRUCTURAL AND OPTICAL PROPERTIES OF BIRNESSITE-TYPE POTASSIUM MANGANESE OXIDE MATERIALS, *Maria Poienar, Gabriel Buse, Paula Svera*
28. STYRENE-DIVINYLBENZENE COPOLYMERS FUNCTIONALIZED WITH GLYCINE GROUPS AND IMPREGNATED WITH Zn(II) FOR THE PHOTOCATALYSIS OF CONGO RED DYE, *Laura Coheci, Aurelia Visa, Bianca Marenescu, Lavinia Lupa, Ecaterina Stela Dragan, Adriana Popa*
29. ANTIOXIDANT CAPACITY AND POLYPHENOLS CONTENT FOR SOME MEDICINAL PLANTS, *Georgeta-Sofia Popescu, Florina Radu, Ariana-Bianca Velcirov, Antoanela Cozma, Luminita Pirvulescu, Lia Sanda Rotariu, Daniela Stoin, Despina Bordean*
30. NITROGENOUS PROFILE OF WORT PRODUCED FROM NATIVE TRITICALE, *Milana Pribić, Lenka Grubač, Jelena Pejin*
31. DIFFERENCES IN NITROGEN AND PHOSPHORUS CONCENTRATIONS IN THE WHOLE GRAIN OF AEGILOPS AND TRITICUM SPECIES, *Putnik-Delić Marina, Maksimović Ivana, Kastori Rudolf, Milan Mirosavljević*
32. PHYTOCHEMICAL AND ANTIOXIDANT PROPERTIES OF DIFFERENT PARTS OF ROUMANIAN CUMIN (CUMINUM CYMINUM L.) ESSENTIAL OILS, *Florina Radu, Mariana-Atena Poiană, Daniela Stoin, Diana Moigrădean, Antoanela Cozma, Georgeta-Sofia Popescu*
33. THE IMPACT OF THE ŽELJEZARA LANDFILL ON THE ENVIRONMENT, *Nada Markovic, Nebojsa M. Ralevic, Vladimir Dj. Djakovic*
34. CITRIC ACID ROLE: METALS CORROSION INHIBITOR OR ACCELERATOR *Nataliia Rudenko, George-Daniel Dima, Mircea Laurențiu Dan*
35. COMPREHENSIVE ANALYSIS OF THE EFFECT OF RENEWABLE ENERGY ON THE STABILITY OF THE ENVIRONMENT, *Ahmed Salah Ahmed, Mohamed Saad*
36. THE WEEDS IN SOYBEAN AND THE EFFICACY OF THEIR CONTROL BY FLUMIOXAZIN 510 g/kg WG, *Nataša Samardžić, Bojan Konstantinović, Milena Popov, Tijana Stojanović, Stefan Ugrinov, Milana Vučković, Savka Blagojević*
37. THE VALUE OF WORKPLACE ENVIRONMENT IN THE HOSPITALITY INDUSTRY: EMPLOYEE PERSPECTIVES, *Selena Samardžić, Nenad Novaković, Robert Laktoš, Aleksandra Mihailović, Savka Adamović*
38. DISCOVERY OF GANGLIOSIDE BIOMARKERS IN BRAIN METASTASIS OF LUNG ADENOCARCINOMA BY TRAVELLING-WAVE ION MOBILITY SEPARATION MASS SPECTROMETRY, *Mirela Sarbu, Željka Vukelić, David E. Clemmer, Alina D. Zamfir*
39. MERCURY EXPOSURE AND LUNG CANCER-URINARY LEVELS IN FEMALES WITH ADENOCARCINOMA, *Mirjana Ševo, Danica Szadanić Velikić, Nataša Milošević, Maja Milanović, Danijela Lukić, Milorad Španović, Jan Sudji, Nataša Milić*
40. RARE EARTH DOPED LaMnO₃ NANOMATERIALS: COMPLEMENTARY EFFECT TOWARDS A ENHANCED PHOTOCATALYTIC PERFORMANCE, *Paula Sfirloaga, Ionel Balcu, Corina Macarie, Doru Buzatu*
41. RED KIDNEY BEAN FLOUR AND RICE FLOUR: POTENTIAL INGREDIENTS IN THE PRODUCTION OF GLUTEN-FREE PASTA WITH FUNCTIONAL QUALITY, *Daniela Stoin, Calin Jianu, Ariana Velcirov, Mariana-Atena Poiana, Antoanela Cozma, Florina Radu, Diana Moigradean, Sofia Popescu, Alexandru Rinovetz*
42. TRANSMISSION ELECTRON MICROSCOPY INVESTIGATION OF A PORPHYRIN-CONTAINING ORGANIC-INORGANIC HYBRID NANOMATERIAL, *Bogdan-Ovidiu Taranu*
43. OPTICAL MICROSCOPY ANALYSIS OF ELECTRODEPOSITED HYDROXYAPATITE COATINGS ON Ti SUPPORT BY PATENTED METHOD, *Bogdan-Ovidiu Taranu, Alexandra Ioana Bucur*
44. REMOVAL OF PARACETAMOL AND ASPIRIN TRACES FROM WATER BY ADSORPTION ON SOME NATURAL AND SYNTHETIC CLAY MINERALS, *Nick S. Ţolea, Antonina Lazăr, Marina A. Tudoran, Ioana M.C. Ienaşcu, Dan Roşu, Adina Căta*
45. AB INITIO AND DFT CALCULATION ON 2,7,12,17-TETRA-TERT-BUTYL-5,10,15,20-TETRAAZA-21H,23H-PORPHINE, *Marina Alexandra Tudoran, Bogdan-Ovidiu Taranu*
46. METAL-ORGANIC FRAMEWORKS AS ELECTRODE'S MODIFIER FOR DOPAMINE DETECTION, *Alexandra Belcovic, Davide Tocco, Andrea Salis, Graziella Liana Turdean*
47. THE INHIBITORY EFFECT OF WHITE ALDER EXTRACT ON LOW-CARBON STEEL CORROSION IN SULFURIC ACID, *Cristian George Vaszilcsin, George-Daniel Dima, Nataliia Rudenko, Mircea Laurențiu Dan*
48. IDENTIFICATION AND STRUCTURAL CHARACTERIZATION OF CHONDROITIN SULFATE DISACCHARIDES IN HUMAN BIGLYCAN BY NANO-ELECTROSPRAY IONIZATION-ION MOBILITY TANDEM MASS SPECTROMETRY, *Mirela Sarbu, Raluca Ica, Roxana Biricioiu, David E. Clemmer, Alina D. Zamfir*
49. CLIMATIC INTERPRETATION OF METEOROLOGICAL ASPECTS IN THE SATU MARE AREA OVER A PERIOD OF THREE YEARS, *Mircov Vlad Dragoslav, Mihuş Casiana, Okros Adalbert, Cozma Antonela, Duma Copcea Anișoara*

Poster Presentations: Tuesday

Poster presenters are asked to hang up their posters between 8³⁰-10⁰⁰ Tuesday, and remove them after 16³⁰.

1. **ASSESSING LEVEE INTEGRITY: SIMULATING FLOOD CONDITIONS WITH TIME-LAPSE ERT FOR ENHANCED RISK MANAGEMENT**, Ahmed M. Ali, Attila Timar, Enas Abdelsamei, Daa Sheishah, Alexandru Hegyi, György Sipos
2. **OPTIMIZATION OF MASS SPECTROMETRY MEASUREMENTS FOR MONITORING DEUTERIUM PRODUCTION IN NANOPLASMONIC LASER FUSION**, Á. Bélteki, D.J. Palásti, M. Aladi, M.Á. Kedves, A. Bonyár, M. Szalóki, M. Ver, N. Kroó, T. Bíró, G. Galbács
3. **COMPARISON OF THE EFFICIENCY OF MERCURY VAPOR AND EXCIMER LAMPS EMITTING IN THE UV-C RANGE FOR UV/H₂O₂ AND UV/PDS PROCESSES** Réka Biró, Tünde Alapi, Anett Covič
4. **PLASTIC POLLUTION FROM COVID-19 PERSONAL PROTECTIVE EQUIPMENT CAN CAUSE CHANGES IN PLANT ROOT GROWTH AND SOIL HEALTH**, Klaudia Hoffmann, Enikő Mészáros, Kamilla Kovács, Etelka Kovács, Katalin Perei, Gábor Feigl, Attila Bodor
5. **PREPARATION AND CHARACTERIZATION OF CHITOSAN ENCAPSULATED KARRIKIN**, Tamás Bodor, Kolbert Zsuzsanna, Kónya Zoltán, Andrea Rónavári
6. **MULTI-MYCOTOXIN ANALYSIS OF ALTERNARIA MYCOTOXINS IN WHEAT: CROSSTOX RECOVERY ASSESSMENT**, Vojislava Bursić, Gorica Vuković, Tijana Stojanović, Bojan Konstantinović, Milena Popov, Nataša Samardžić, Nikola Puvača
7. **ADVANCED LASER-INDUCED BREAKDOWN SPECTROSCOPY-BASED QUALITATIVE ANALYTICAL METHODOLOGIES FOR FOOD AND PLANT-RELATED APPLICATIONS**, Fernando A. Casian Plaza, Patrick M. Janovszky, Dávid J. Palásti, Selahattin Kondak, Zsuzsanna Kolbert, Gábor Galbács
8. **THE PM₁₀ EXPOSURE DURING POOL CONSTRUCTION IN NOVI SAD, SERBIA**, Aleksandra Čavić, Marko Carić, Jelena Kiurski, Snežana Aksentijević, Boris Obrovski, Dunja Istrat, Miljan Šunjević
9. **EVALUATION OF EXTRACTION METHODS OF GALICJANKA CHOKEBERRY POMACE ON THE ANTHOCYANINS AND ANTIOXIDANT CAPACITY**, Efaishe Kavela, Mónika Máté, Lilla Szalóki-Dorkó
10. **SURFACE MODIFICATION OF POLYVINYLIDENE DIFLUORIDE (PVDF) MICROFILTRATION MEMBRANES BY POLYDOPAMINE GRAFTING FOR MORE EFFECTIVE FILTRATION OF OIL EMULSIONS**, Ákos Ferenc Fazekas, Sándor Beszédes, Szabolcs Kertész, Cecilia Hodúr, Zsuzsanna László, Gábor Veréb
11. **IMPACT OF PERSONAL PROTECTIVE EQUIPMENT LEACHATES ON EARLY PLANT DEVELOPMENT**, Enikő Mészáros, Kamilla Kovács, Etelka Kovács, Klaudia Hoffmann, Katalin Perei, Attila Bodor, Gábor Feigl
12. **PERFORMANCE EVALUATION OF A 3D-PRINTED PLASTIC V-GROOVE NEBULIZER FOR TRACE ANALYTICAL USE IN ICP-MS**, Almachiusi Rwegasira Rweyemamu I, Gyula Kajner, Ádám Bélteki, Tibor Ajtai, Martin Cseh, Zsolt Geretovszky, Gábor Galbács
13. **DEVELOPMENT OF A HEALTHIER BREAD RECIPE: IMPACT OF FLOUR TYPE AND FERMENTATION ON BREAD QUALITY IN KOSOVO**, Njomza Gashi I, Jehona Latifi, Fjolla Hoxha I, Dhurata Mani, Dejsi Qorri, Salih Salihu
14. **THE ROLE OF SOIL MICROBIOME ON WHEAT NUTRITIONAL PROFILE**, Njomza Gashi I, Péter Fauszt, Péter Dávid, Zsombor Szőke, Judit Remenyik, László Stüendl, and Melinda Paholcsek
15. **IMINO SEMICARBAZIDES AND THEIR METAL COMPLEXES: SOLUTION STABILITY, REDOX AND ANTICANCER PROPERTIES**, Gerda T. Gátszegi, Tatsiana V. Petrasheuskaya, Bálint Hajdu, Vladimir B. Arion, Gabriella Spengler, and Éva A. Enyedy
16. **IMPACT OF NATURAL ACEROLA EXTRACTS ON THE QUALITY OF CANNED VEGETABLES**, Bálint Góczán, Bernadett Mohácsi, Judit Friedrich-Ivanics, Mónika Máté
17. **IMPACT OF ASCORBIC ACID ON THE LEVEL OF ANTHOCYANINS AND POLYPHENOLS IN ARONIA JUICE DURING HEAT TREATMENT**, Meriem Serine Hamaidia, Mónika Máté, Judit Friedrich-Ivanics, Nikolett Kalamár, Márta Ladányi, Lilla Szalóki-Dorkó
18. **NOVEL FLUORESCENT-LABELED ESTRADIOL DERIVATIVES**, Tamás Hlogyik, Máté Vágvölgyi, Labos Péter, Noémi Bózsity, István Zupkó, Attila Hunyadi, Erzsébet Mernyák
19. **EFFECTIVE DECOMPOSITION OF LIGNOCELLULOSE BY ANAEROBIC FUNGI**, Annabella Juhász-Erdélyi, Etelka Kovács, Roland Wirth, Gergely Maróti, Zoltán Bagi I, Kornél L. Kovács
20. **NATURAL DEEP EUTECTIC SOLVENTS (NADES) AS A GREEN STRATEGY FOR THE EXTRACTION OF ROSMARINIC ACID FROM SOME LAMIACEAE SPECIES**, Tatjana Jurić, Ružica Ždero Pavlović, Denis Uka, Boris Popović
21. **INTERPRETATION OF RETENTION BEHAVIOR OF s-TRIAZINE DERIVATIVES IN RP-UHPLC SYSTEM FROM THE ASPECT OF REACTIVITY DESCRIPTORS**, Milica Karadžić Banjac, Strahinja Kovačević, Jasmina Anojčić, Benjamin Salaković, Sanja Podunavac-Kuzmanović, Lidija Jevrić
22. **CASCADE MEMBRANE SYSTEM FOR EFFECTIVE COD REMOVAL FROM DAIRY BY-PRODUCT**, Hadid Sukmana, Adrienn Fejős, Anikó Birkásné Nagypál, Dorottya Csenki, József Csanádi, Szabolcs Kertész
23. **IMPACT OF SPACER GEOMETRY ON ULTRAFILTRATION PERFORMANCE IN A FILTER MODULE**, Imre Vajk Fazekas, Aws N. Al-Tayawi, József Richárd Lennert, Sándor Beszédes, József Csanádi, Cecilia Hodúr, Gábor Veréb, Zsuzsanna László, Szabolcs Kertész

24. **A SHORT OVERVIEW OF BIOSENSOR TECHNIQUES FOR THE DETECTION OF CHEMICAL COMPOUNDS AND BIOMARKERS DURING ECOTOXICOLOGICAL TESTING**, Szandra Klátyik, Eszter Takács, Alexei Nabok, András Székács
25. **QUINCE BIOWASTE FOR PRODUCTION OF GRAPHENE-BASED NANOMATERIALS USED FOR ELECTROMAGNETIC SHIELDING**, Mila Milenković, Warda Saeed, Muhammad Yasir, Duška Kleut, Svetlana Jovanović
26. **BETTI BASES AS CHIRAL LIGANDS IN THE ENVIRONMENTALLY BENIGN ENANTIOSELECTIVE TRANSFER HYDROGENATION**, Lili Kóczán, György Szöllösi, István Szatmári
27. **THE EFFICACY OF THE WEED CONTROL IN MAIZE BY TWO DIFFERENT HERBICIDES AT TWO LOCALITIES IN THE REPUBLIC OF SERBIA**, Bojan Konstantinović, Nataša Samardžić, Milena Popov, Tijana Stojanović, Stefan Ugrinov, Mirjana Vratunić
28. **MECHANOCHEMICALLY ASSISTED, ENVIRONMENTALLY BENIGN HETEROGENEOUS ASYMMETRIC MICHAEL ADDITION TO MALEIMIDES**, Kristóf András Kőszegi, Márton Szabados, György Szöllösi
29. **TOPOLOGY INDICES AS PREDICTORS OF RETENTION BEHAVIOR OF NEWLY SYNTHESIZED ANDROSTANE 3-OXIMES IN RP-UHPLC: ARTIFICIAL INTELLIGENCE APPROACH**, Strahinja Kovačević, Milica Karadžić Banjac, Jasmina Anojčić, Jovana Ajduković, Sanja Podunavac-Kuzmanović
30. **CO-OPERATION FOR FOOD: LONG STORY OF METHANOGENIC ARCHEA AND ANAEROBIC FUNGI**, Etelka Kovács, Annabella Juhász-Erdélyi, Csilla Szűcs, Zoltán Bagi, Róbert Veprik, Tamás Papp, Kornél L. Kovács
31. **R7-SUBSTITUTED 8-HYDROXYQUINOLINES WITH MULTIDRUG RESISTANCE SELECTIVITY: SOLUTION CHEMISTRY AND METAL COMPLEXATION**, Hilda Kovács, Bálint Hajdu, Nóra V. May, Norbert Lihi, István Szatmári, Gergely Szakács, Éva A. Enyedy
32. **BORON DOPED CARBON QUANTUM DOTS: PREPARATION, CHARACTERIZATION AND POTENTIAL APPLICATION**, Nataša Tot, Bojana Vasiljević, Vesna Despotović, Jelena Kozić, Duška Kleut, Jovana Prekodravac
33. **SUSTAINABLE DYEING OF THE FABRICS BY USING AZO PYRIDONE DYES WITH IMPROVED WATER SOLUBILITY**, Jelena Ladarević1, Anita Lazić2, Marija Dimitrijević1, Aleksandra Mašulović2, Luka Matović2, Dušan Mijin1, Aleksandra Ivanovska
34. **MICROWAVE SYNTHESIS OF DISUBSTITUTED PYRROLIDINE-2,5-DIONE DERIVATIVES**, Marija Dimitrijević, Kristina Gak Simić, Aleksandra Mašulović, Luka Matović, Jelena Ladarević, Nebojša Banjac3, Nemanja Trišović, Anita Lazić
35. **COMPARATIVE ANALYSIS OF MEADS MADE FROM DIFFERENT HONEYS**, Csenge Mónika Pintér, Tiborné Bakos, Zoltán Péter Jákói, Balázs Lemmer, József Mihalkó
36. **A NEUROHYPOPHYSIS AND ADENOHYPOPHYSIS MODEL FOR THE INVESTIGATION OF DEONATED CHEMICAL ENVIRONMENTAL LOADS**, Zolt Molnár, Péter Sándor Kiss, Miklós Mózes, Marianna Radács, Péter Hausinger, Krisztián Sepp, Márta Gálfi
37. **COMPARISON OF TOTAL POLYPHENOL CONTENT AND ANTIOXIDANT CAPACITIES OF FRUIT AND VEGETABLE JUICE CONCENTRATES MEASURED BY DIFFERENT METHODS**, Anna Maria Nagy, Éva Stefanovits-Bányai, Mónika Máté
38. **INTENSIFICATION AND MONITORING OF ANAEROBIC FERMENTATION OF SEWAGE SLUDGE FROM THE MEAT INDUSTRY**, Zsófia Gréta Sánta, Balázs Lemmer, Zoltán Péter Jákói, Sándor Beszédes
39. **ADSORPTION OF OIL ON SELECTED SYNTHETIC ZEOLITES**, Marjana Simonič
40. **YIELD, MORPHOLOGICAL AND PHYSIOLOGICAL PARAMETERS OF ORGANIC AVENA SATIVA L. PLANT AS AFFECTED BY MINERAL, ORGANO-MINERAL AND STEEL SLAG AMENDMENTS TO ACID SOIL**, Aleksandra Stanojković-Sebić, Dobrivoj Poštić, Marina Jovković, Radmila Pivić
41. **THE ELECTRICAL PROPERTIES OF THE SbXAs₃₇-XS48I15 GLASS SYSTEM IMPORTANT FOR EFFICIENT ENERGY USAGE**, Goran Štrbac, Ondrej Bošák, Dragana Štrbac, Marian Kubliha
42. **EFFECT OF MICROWAVE TREATMENT AND TRADITIONAL PASTEURIZATION ON THE PROPERTIES OF FRUIT JUICES**, Beatrix Szabó-Nótin, Anett Sebe, Mónika Máté
43. **INNOVATIVE USAGE OF INFRARED REMOTE SENSING: EXAMINATION OF THE SLAB INSULATION OF RESIDENTIAL BUILDINGS AT MUNICIPAL LEVEL**, Hajnalka Dürgő, Szalma Elemér Imre
44. **COMPARISON OF DIFFERENT QUINCE (CYDONIA OBLONGA MILL.) VARIETIES BASED ON THEIR PHYSICAL AND CHEMICAL PROPERTIES**, Lilla Szalóki-Dorkó, Anita Márta Rikker, Mónika Máté
45. **IDENTIFICATION OF FOULING MECHANISM IN ULTRAFILTRATION USING A 3D PRINTED TURBULENCE PROMOTER**, Nikolett Sz. Gulyás, Cecilia Hodúr, Szabolcs Kertész
46. **FLUORESCENCE-BASED DETERMINATION OF CARBAMAZEPINE PHARMACEUTICAL ACTIVE INGREDIENT**, Eszter Takács, Borbála Gémes, Augustine Siakwa, Szandra Klátyik, Fanni Szendrei, András Székács
47. **ANALYTICAL POSSIBILITIES OF LAYER STRUCTURED CARBON NANOTUBE BUCKYPAPERS DOPED BY HYDROPHILIC 1D NANOMATERIALS**, I. Y. Tóth
48. **ANALYSIS OF XANTHAN PRODUCED ON CRUDE GLYCEROL: PROLONGED EMULSIFICATION TEST WITH HYDROCARBONS AND OILS**, Ida Zahović, Jelena Dodić, Zorana Trivunović
49. **SQUALENOYLATED NANOPARTICLE PRODRUGS**, Hiba Zeini, Erzsébet Mernyák, Máté Vágvolgyi, Gábor Girst, Róbert Berkecz, Attila Hunyadi