

Conference Program

16th May

Venue: Lithuanian Academy of Sciences, Gedimino av. 3, Vilnius

Time	Presenter	Institution	Title of the Lecture
8:00 – 9:00	Registration of participants		
9:00 – 9:10	Welcome speech of Vilnius University Rector Prof. A. Zukauskas		
9:10 – 9:15	Welcome speech of Vilnius University Faculty of Chemistry and Geosciences Dean Prof. A. Beganskiene		
9:15 – 9:45	Invited Speaker prof. dr. Fabio Marchetti	University of Camerino, Italy	Novel composite materials for antimicrobial applications
9:45 – 10:15	Invited Speaker prof. dr. Zineb Mekhalif	Namur University, Belgium	Electrochemistry and Surface Chemistry: a powerful combination for nanotechnology
10:15 – 10:45	Invited Speaker prof. dr. Ismail Hakki Boyaci	Hacettepe University, Ankara, Turkey	Raman and SERS-based detection of Gene and Microorganisms
10:45 – 11:45	Poster session I and coffee break		
11:45 – 12:15	Invited Speaker dr. Magdalena Oćwieja	Polish Academy of Sciences, Krakow, Poland	Noble metal nanoparticle layers of tunable coverage, structure and charge
12:15 – 12:45	Invited Speaker prof. dr. Sheng-Tung Huang	National Taipei University of Technology, Taiwan	Design Strategies and Applications of Self-Immolative Chemical Probes for Biosensing
12:45 – 13:45	Lunch Break (free time)		
13:45 – 14:00	Tadas Matijošius	Center for Physical Sciences and Technology, Lithuania	Penetration of titanium into alumina nanopores after atomic layer deposition or magnetron sputtering
14:00 – 14:15	Dr. Aušra Valiūnienė	Vilnius University, Lithuania	Fast fourier transform electrochemical impedance spectroscopy for monitoring surface modification
14:15 – 14:30	Aušra Adomėnienė	Kaunas University of Technology, Lithuania	Enzyme inhibitory activity of hydroethanolic extract of yam (<i>dioscorea caucasica</i> lipsky) leaves
14:30 – 15:00	Coffee break		

15:00 – 15:15	Lijana Dienaitė	Kaunas University of Technology, Lithuania	Antioxidant capacity and phytochemical composition of guelder-rose berry pomace extracts
15:15 – 15:30	Dr. Artūras Katelnikovas	Vilnius University, Lithuania	Rare Earth Elements: Industrial Applications
15:30 – 15:45	Dobrochna Rabiej	Nicolaus Copernicus University in Toruń, Poland	Determination of storage conditions of refined rapeseed oil fortified with phenolic acid esters
15:45 – 16:00	Dr. Alanas Petrauskas	Aukštieji algoritmai	It's not what we know – it's how we think!
16:00 – 17:00	Poster session II		
17:00 – 17:15	The Best Posters Awards and Conference Closing Ceremony		
18:00 – 20:00	Conference Gala dinner, „Taurakalnis“, Universiteto str. 3, Vilnius		

POSTER SESSION I

10:45 – 11:45

Inorganic chemistry

P01	<u>R. Aukštakojtė</u> , J. Gaidukevič, J. Barkauskas	MALONIC ACID ASSISTED REDUCTION OF GRAPHITE OXIDE: STRUCTURAL CHARACTERISATION
P02	<u>K. Baltakys</u> , G. Sarapajevaite, V. Rudelis	WAYS OF SULFUR WASTE RE-USE UNDER HYDROTHERMAL CONDITIONS
P03	<u>M. Baublytė</u> , M. Liubinienė, A. Beganskiene	HYDROGEL AND ENZYMES COMBINATION FOR PAPER DOCUMENTS CLEANING
P04	<u>A. Bronušienė</u> , I. Ancutienė	XRD STUDY OF THIN SnS FILMS ON FTO GLASS
P05	<u>I. Grigoraviciute-Puroniene</u> , V. Vegelyte, A. Kareiva	SYNTHESIS OF LOW CRYSTALLINE CALCIUM DEFICIENT HYDROXYAPATITE GRANULES
P06	<u>G. Inkrataitė</u> , A. Popov, R. Skaudžius	PREPARATION AND CHARACTERIZATION OF LUAG AND YAG BASED SCINTILLATION MATERIALS
P07	<u>M. M. Kaba</u> , A. Smalenskaite, I. Morkan, A. Kareiva	ON THE WET CHEMISTRY PREPARATION OF LAYERED DOUBLE HYDROXIDE AND MIXES-METAL OXIDE COATINGS
P08	<u>D. Karoblis</u> , A. Zarkov, A. Kareiva	SYNTHESIS OF (1-x)BaTiO ₃ ·xBiMnO ₃ SOLID SOLUTIONS VIA SOL-GEL METHOD
P09	<u>N. Kybartienė</u> , G. Urbonavičiūtė	INFLUENCE OF CALCINED CLAY ON THE EARLY HYDRATION OF ANHYDRITE BINDING MATERIAL
P10	<u>I. Knabikaitė</u> , K. Baltakys, T. Dambrauskas, A. Eisinis	THE INFLUENCE OF COBALT IONS ON COMPOUNDS FORMATION PROCESS IN CaO-SiO ₂ -Al ₂ O ₃ -H ₂ O SYSTEM

P11	<u>A.Kunciute</u> , R.Ivanauskas, A.Ivanauskas	COPPER-DOPED TIN(II) SELENIDE THIN FILMS
P12	I. Lebedyte, <u>I.Mikalauskaite</u> , G. Pleckaityte, A. Beganskiene, A. Kareiva	UPCONVERSION LANTHANIDE-DOPED NaYF ₄ NANOCRYSTALS COATED WITH SILICA SHELL
P13	<u>I. Mikalauskaitė</u> , G. Plečkaitytė, K. Paulauskaitė, A. Beganskienė	CONTROLLING UPCONVERSION EMISSION OUTCOME IN Yb ³⁺ /Er ³⁺ SYSTEMS
P14	<u>M. Misevicius</u>	LUMINESCENCE OF Eu(II) DOPED AND Dy(III) CODOPED SrAl ₄ O ₇
P15	<u>D. Monstvilaite</u> , R. Kaminskas	INFLUENCE OF CALCINED MICA CLAY ON SULFATE ATTACK OF CEMENT STONE
P16	<u>M. Norkus</u> , <u>J.Aglinskaitė</u> , A.Katelnikovas, P.Vitta, R. Skaudžius	ONE-STEP PHOSPHOR IN GLASS SYNTHESIS AND CHARACTERIZATION
P17	<u>A. Pakalniškis</u> , R. Skaudžius	GdPO ₄ /Eu/Yb-Tm BASED PHOSPHOR SYNTHESIS AND ANALYSIS
P18	<u>E. Prichockiene</u> , R. Siauciunas	CARBONATION OF α-C ₂ SH AND ITS CALCINATION PRODUCTS
P19	<u>G. Rimkutė</u> , J. Gaidukevič, V. Gurevičienė, J. Razumienė, I. Šakinytė	SYNTHESIS OF THERMALLY REDUCED GRAPHENE OXIDE AND ITS APPLICATION FOR UREA BIOSENSOR WITH IMPROVED LONG-TERM STABILITY
P20	<u>D. Rubinaitė</u> , T. Dambrauskas, K. Baltakys	THE SYNTHESIS OF BELITE–CALCIUM SULFOALUMINATE CEMENT AND ITS PROPERTIES
P21	<u>L. Sinusaite</u> , I. Grigoraviciute-Puroniene, A. Popov, A. Kareiva, A. Zarkov	CONTROLLABLE SYNTHESIS OF TRICALCIUM PHOSPHATE (TCP) POLYMORPHS BY WET PRECIPITATION: EFFECT OF WASHING PROCEDURE
P22	<u>G. Smalakys</u> , R. Šiaučiūnas	THE IMPACT OF RAW MEAL COMPOSITION ON LOW- BASE CALCIUM SILICATE HYDRATES SYNTHESIS
P23	<u>A. Šmigelskytė</u> , Ž. Takulinskas, J. Skirbutas	INFLUENCE OF RAW MEAL COMPOSITION ON SINTERING AND CARBONATION OF CALCIUM SILICATES
P24	<u>V. Valančienė</u> , J. Rugevičiūtė	GRANITE DUST – NON-PLASTIC AND FLUXING ADDITIVE FOR BUILDING CERAMICS
P25	<u>L. Valeikiene</u> , R. Paitian, I. Grigoraviciute-Puroniene, A. Kareiva	SOL-GEL SYNTHESIS OF MG(X)/AL (X = MN, CO, NI, CU, ZN) LAYERED DOUBLE HYDROXIDES
P26	<u>N. Žmuidzinavičienė</u> , A. Šulčius, E. Griškoniš	CORROSION OF ELECTROLYTIC MANGANESE COATINGS IN 3% NaCl SOLUTION
Organic chemistry		
P27	<u>A. Akmanov</u> , D. Gudeika	ROOM TEMPERATURE PHOSPHORESCENCE OF THIANTHRENE COMPOUNDS
P28	<u>B.Balandis</u> , K.Anusevičius, B. Sapijanskaitė, V.Mickevičius	SYNTHESIS OF NOVEL 1,3-DISUBSTITUTED 5- OXOPYRROLIDINES

P29	S. Grigalevicius, D. Tavgeniene, <u>D. Blazevicius</u> , B. Zhang, S. Sutkuvieni	BIPOLAR PHENOXAZINE-BASED COMPOUNDS AS NEW HOST MATERIALS FOR GREEN PHOSPHORESCENT OLEDs
P30	<u>T Braukyla</u> , R. Xia, M. Daškevičienė, T. Malinauskas, A. Gruodis, V. Jankauskas, C. Roldán-Carmona, C. Momblona, V. Getautis, M. K. Nazeeruddin	HOLE-TRANSPORTING MATERIALS FOR PEROVSKYTE SOLAR CELLS CONTAINING TRÖGER'S BASE CORE AND ENAMINE-LINKED DIPHENYL MOIETIES
P31	<u>V. Dudutienė</u> , A. Zubrienė, J. Kazokaitė, D. Matulis	DEVELOPMENT OF FLUORINATED BENZENESULFONAMIDES AS CARBONIC ANHYDRASE IX INHIBITORS
P32	<u>B. Grybaitė</u> , R. Vaickelionienė, V. Mickevičius	SYNTHESIS OF NOVEL N-ARYL-N-POLYSUBSTITUTED THIAZOLYL- β -ALANINES
P33	<u>M. Iškauskienė</u> , A. Urbonavičius, G. Ragaitė, M. Dagilienė, F. A. Sløk, A. Šačkus ^{1,2}	SYNTHESIS AND STRUCTURE DETERMINATION OF ALKYL N-(N-Boc-PIPERIDINYL)PYRAZOLECARBOXYLATES
P34	<u>V. Jakubkienė</u> , G. E. Valiulis, M. Žvirblis, G. Žvinys, A. Zubrienė, D. Matulis	SYNTHESIS AND HDAC INHIBITORY ACTIVITY OF PYRIMIDINE-BASED HYDROXAMIC ACIDS
P35	<u>A. Jankūnaitė</u> , V. Paketurytė, A. Zakšauskas, E. Čapkauskaitė	SYNTHESIS AND BINDING ANALYSIS OF CARBONIC ANHYDRASES INHIBITORS – 1,2-DISUBSTITUTED 6-CHLOROBENZIMIDAZOLE-5-SULFONAMIDES
P36	<u>A. Jurys</u> , T. Javorskis, E. Orentas	SYNTHESIS AND APPLICATIONS OF DITHIADIAZOCANES
P37	<u>E. Kasparavičius</u> , T. Malinauskas, V. Getautis	INVESTIGATION STABILITY OF OXIDIZED spiro-MeOTAD USED IN PEROVSKITE SOLAR CELLS
P38	<u>P. Kaziukonytė</u> , E. Kazlauskas, A. Zubrienė, A. Brukštus	SYNTHESIS OF POTENTIAL HSP90 AND HDAC MULTITARGET INHIBITORS
P39	<u>A. Klevinskas</u> , I. Tumosienė, I. Jonuškienė, K. Kantminienė	SYNTHESIS OF SHIFF BASES FROM 3-[(4-METHOXYPHENYL)AMINO]PROPANEHYDRAZIDE AND THEIR ANTIBACTERIAL ACTIVITY
P40	C.-W. Liao, Y.-C. Hsh, C.-C. Chu, C.-H. Chang, <u>G. Krucaite</u> , D. Volyniuk, J. V. Grazulevicius, S. Grigalevicius	AGGREGATION-INDUCED EMISSION TETRAPHENYLETHENE TYPE DERIVATIVES FOR BLUE TANDEM ORGANIC LIGHT-EMITTING DIODES
P41	<u>S. Macionis</u> , N. Sohrab, D. Gudeika, D. Volyniuk, J. V. Grazulevicius	SYNTHESIS AND INVESTIGATION OF THIOXANTHONE BASED COMPOUNDS EXHIBITING TADF, AIEE AND RTP EFFECTS
P42	<u>M. Malikėnas</u> , L. Stančaitis, G. Petraitytė, V. Masevičius	SYNTHESIS OF 4-ARYL-2-CYANO-6-(4-METHOXYPHENYL)-5-PHENYLFURO[2,3-d]PYRIMIDINES



		VIA Pd(0) CATALYSED REACTIONS. STUDY ON PHOTOPHYSICAL PROPERTIES OF NON-LINEAR HETEROCYCLIC COMPOUNDS
P43	<u>V. Malinauskienė</u> , M. Iškauskienė, A. Kveselytė, I. Nedzinskaitė, L. Burlėgaitė, A. Šačkus.	INDOLE CARBOXYLIC ACIDS AS STARTING POINT TOWARDS HETEROARYL INDOLES
P44	M. Stasevych, V. Zvarych, V. Novikov, V. Vovk, Š. Žukauskas, <u>V. Micevičius</u>	(9,10-DIOXOANTRACEN-1-YL)HYDRAZONES WITH AMIDOXIME MOIETY
P45	<u>V. Milišiūnaitė</u> , E. Arbačiauskienė, E. Řezníčková, R. Jorda, V. Malínková, A. Žukauskaitė, W. Holzer, V. Kryštof, A. Šačkus	INVESTIGATION OF SYNTHESIS AND ANTI-MITOTIC ACTIVITY OF NOVEL 2H-PYRAZOLO[4,3-c]PYRIDINES
P46	<u>I. Misiūnaitė</u> , V. Mikulėnaitė, V. Eiva, R. Bukšnaitienė, I. Karpavičienė	INVESTIGATION OF SYNTHETIC PATHWAY OF VARIOUS 2-(3-SUBSTITUTED PROP-2-YNYLTHIO) IMIDAZOLES via ELECTROPHILIC CYCLIZATION REACTIONS
P47	<u>B. Razmienė</u> , V. Dambrauskienė, E. Arbačiauskienė, E. Řezníčková, A. Žukauskaitė, V. Kryštof, Algirdas Šačkus	SYNTHESIS AND BIOLOGICAL ACTIVITY OF 2,4,6,7-TETRASUBSTITUTED-2H-PYRAZOLO[4,3-c]PYRIDINES
P48	<u>U. Rimkaitė</u> , I. Karpavičienė, E. Orentas	SYNTHESIS OF NDI MODEL COMPOUNDS POSSESING STRAPPED – ALKENE MOIETY TO EXAMINE ARYL – ALKENE $\pi - \pi$ INTERACTION
P49	<u>J. Solovjova</u> , M. Dagilienė, V. Dargytė, F. A. Sløk, A. Šačkus	SYNTHESIS OF NOVEL FUSED PYRAZOLE-AZEPANE DERIVATIVES
P50	<u>U. Šachlevičiūtė</u> , G. Kliučinskaitė, G. Petkevičiūtė, R. Jankauskas, N. Kleizienė, F. A. Sløk, A. Šačkus	SYNTHESIS OF NOVEL CONSTRAINED ANALOGUES OF γ -AMINOBUTYRIC ACID (GABA) VIA THE Rh(I)-CATALYSED CONJUGATED ADDITION REACTION OF ARYLBORONIC ACIDS
P51	S. Grigalevičius, <u>D. Tavgenienė</u> , G. Kručaitė, R. Grinienė, D. Blaževičius, M. Eidimtas, Y.-P. Wang, S.-R. Tsai, Ch.-H. Chang	NEW (BI)PHENYL SUBSTITUTED 9-(2,2-DIPHENYLVINYL)CARBAZOLES AS HOLE TRANSPORTING MATERIALS FOR EFFICIENT RED PHOLEDs
P52	I. Styraitė, <u>I. Tumosienė</u> , I. Jonuškienė, K. Kantminienė	SYNTHESIS OF ISATIN HYDRAZONES AND INVESTIGATION OF THEIR ANTIOXIDANT AND ANTIBACTERIAL ACTIVITY



POSTER SESSION II

16:00 – 17:00

Analytical chemistry

P53	<u>B. Brasiūnas</u> , E. Baliūnaitė, E. Bučmys, A. Popov, A. Ramanavičiene	IMMUNOSENSOR FOR HUMAN GROWTH HORMONE DETECTION BASED ON INDIUM TIN OXIDE ELECTRODE WITH GOLD NANOSTRUCTURES
P54	<u>E. Dauksaitė</u> , A. Ramanavičiene, A. Kausaitė-Minkstimiene	SURFACE PLASMON RESONANCE IMMUNOSENSORS FOR HGH DETECTION
P55	<u>V. Kavaliauskas</u> , A. Žilionis	DETERMINATION OF PHTHALATES IN BOTTLED WATER BY ULTRA-HIGH PRESSURE LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY
P56	<u>V. Lisyte</u> , B. Brasiunas ¹ , A. Popov, A. Ramanavičiene	GLUCOSE BIOSENSOR BASED ON GLUCOSE OXIDASE AND POLYANILINE NANOFIBERS

Applied chemistry

P57	<u>O. Aleknavičiūtė</u> , R. Baranauskienė, P. R. Venskutonis	FRACTIONATION OF HEMP EXTRACTS BY USING SUPERCRITICAL CARBON DIOXIDE AND CO-SOLVENT ETHANOL
P58	<u>G. Aleliūnaitė</u> , R. Baranauskienė, E. Dambrauskienė, P.R. Venskutonis	AROMA PROFILE AND TOTAL PHENOLICS IN LEMON BALM AND WHITE HOREHOUND ESSENTIAL OILS AND WATER EXTRACTS
P59	<u>A. Banytė</u> , R. Baranauskienė, R. Žvirdauskienė, P.R. Venskutonis	AROMA PROFILE, TOTAL PHENOLICS AND ANTIMICROBIAL ACTIVITY OF SPEARMINT AND PEPPERMINT ESSENTIAL OILS AND WATER EXTRACTS
P60	<u>R. Biškauskaitė</u> , V. Valeika	APPROACH TO GREENER PROCESS: ENZYMATIC PICKLING OF HIDE
P61	<u>Kestutis Dabrovolskas</u> , Gintare Krucaite, Eigirdas Skuodis, Ilona Jonuskiene, Dalius Gudeika	SYNTHESIS AND ANTIMICROBIAL ACTIVITIES OF CARBAZOLE-BASED COMPOUNDS
P62	<u>N. Dukštienė</u> , V. Krylova	MORPHOLOGY OF POLYAMIDE 6/Se-S-Cd-Ag COMPOSITE MATERIALS
P63	<u>G. Gaidamavičiienė</u> , A. Žalga	CHARACTERIZATION OF La _{1.9} Ca _{0.1} Mo ₂ O _{8.95} CERAMICS SYNTHESIZED BY THE AQUEOUS SOL-GEL METHOD
P64	<u>D. Gudeika</u> , A. Bundulis, S. Benhattab, M. B. Manaa, N. Berton, J. Bouclé, F. T. Van, B. Schmaltz, D. Volyniuk, J. V. Grazulevicius	DERIVATIVES OF DIMETHOXY-SUBSTITUTED TRIPHENYLAMINE CONTAINING DIFFERENT ACCEPTOR MOIETIES AS MULTIFUNCTIONAL DYES
P65	<u>J. Januškevičius</u> , <u>Ž. Stankevičiūtė</u> , A. Kareiva	SOL-GEL SYNTHESIS AND SUBSEQUENT DIP-COATING ON SILICON OF YTTRIUM, TERBIUM IRON PEROVSKITES AND YTTRIUM IRON GARNET



P66	<u>L. Jatautė</u> , V. Krylova	INVESTIGATION OF THE STRUCTURAL PROPERTIES OF SILVER-INDIUM SELENIDE LAYERS
P67	<u>V. Krylova</u> , N. Dukštienė, L. Jatautė	OPTICAL CHARACTERIZATION OF SILVER-INDIUM SELENIDE LAYERS ON ARCHITECTURAL TEXTILE
P68	<u>N. Masimukku</u> , D. Gudeika, D. Volyniuk, J. V. Grazulevicius	SYNTHESIS AND INVESTIGATION OF BIPOLAR 1,8-NAPHTHALIMIDE-BASED COMPOUNDS
P69	<u>A. Mikolaitienė</u> , E. Griškaitis, R. Šlinkšienė	ALGAE AND ASH AS PLANT FOOD IN GRANULATED FERTILIZERS
P70	<u>N. Petrašauskienė</u> , R. Alaburdaitė, E. Paluckienė	INVESTIGATION OF Cu_xS LAYERS ON POLYAMIDE SURFACE BY SEM AND XRD
P71	<u>R. Povilavičiūtė</u> , R. Skaudžius, D. Budrevičius, J. Jurgelevičiūtė, E. Lastauskienė	IDENTIFICATION AND REDUCTION OF MICROBIOLOGICAL CONTAMINANTS IN HERBS
P72	<u>L. Prakopaviciute</u> , E. Ragauskaitė, D. Cizeikiene	ANTIMICROBIAL ACTIVITY OF SOME LACTOBACILLUS STRAINS AGAINST PATHOGENS
P73	<u>L. Rezytė</u> , A. Zagorskis, M. Petrulevičienė, J. Juodkazytė, B. Šebeka, I. Savickaja, V. Pakštas, A. Naujokaitis	SYNTHESIS OF TUNGSTEN OXIDE THIN FILMS AND INVESTIGATION OF GAS SENSING PROPERTIES
P74	<u>M. Steponaitis</u> , R. Komskis, E. Kamarauskas, T. Malinauskas, S. Jursenas, V. Getautis	INVESTIGATION OF PROPERTIES OF TRIPHENYLAMINE PHENYLETHENYL DERIVATIVES CONTAINING TERTIARY AMINE GROUPS
P75	<u>R. Striela</u> , J.F. Devaux, J.L. Couturier, J.L. Dubois, A. Strakšys, S. Asadauskas	VIABILITY OF CASCADING APPLICATION OF POLYAMIDE WASTE INTO LUBRICANT BASESTOCK BY PARTIAL HYDROLYSIS
P76	<u>L. Tamkutė</u> , B. Melero Gil, J. Rovira Carballido, P. R. Venskutonis	DEFATTED CRANBERRY POMACE EXTRACT INCREASES SAFETY AND ANTIOXIDANT POTENTIAL OF PORK BURGERS DURING IN VITRO GASTROINTESTINAL DIGESTION
P77	<u>A. Zdaniauskienė</u> , T. Charkova, I. Ignatjev, G. Niaura	SYNTHESIS OF Au NANOPARTICLES WITH SiO_2 , MnO_2 , AND TiO_2 SHELLS FOR SURFACE ENHANCED RAMAN SPECTROSCOPY
P78	<u>E. Zubrytė</u> , A. Gefenienė, D. Kaušpėdienė, S. Jankauskas, R. Ragauskas	USE OF COAGULATION AND ADSORPTION FOR THE REMOVAL OF SANODURE GREEN DYE BY GROUNDWATER TREATMENT RESIDUALS
Physical chemistry		
P79	<u>K. Antanavičiūtė</u> , Z. Sukackienė, L. Tamašauskaitė-Tamašiūnaitė, E. Norkus	HYDROGEN GENERATION FROM $NaBH_4$ HYDROLYSIS USING $CoBZn/Cu$, $CoBMo/Cu$, $CoBFe/Cu$ CATALYSTS
P80	<u>I. A. Cechanaviciute</u> , M. Gicevicius, A. Ramanavicius	DIGITAL IMAGE CHARACTERIZATION OF ELECTROCHROMIC CONDUCTING POLYMER AND TEXTILE COMPOSITES



P81	<u>L. Dargis</u> , E. Griškoniš, E. Valatka	ELECTROCHEMICAL DEPOSITION AND ELECTROCATALYTIC ACTIVITY OF Co-Ni PHOSPHATE COATINGS
P82	<u>A. Ilginis</u> , E. Griškoniš	ELECTROCHEMICAL MODIFICATION OF GRAPHITE FELT IN LEAD(II) NITRATE ELECTROLYTE UNDER FLOW- THROUGH REGIME
P83	R. Urnikis, <u>A. Jaskūnas</u> , G. Dabrilaitė-Kudžmienė, S. Kitrys	KINETIC STUDY OF BENZENE ADSORPTION ON THE SYNTHESIZED CALCIUM ALUMINATES
P84	<u>D. Kuncė</u> , E. Griškoniš	ELECTROPHORETIC DEPOSITION OF GRAPHENE OXIDE- SILVER COMPOSITE COATINGS
P85	<u>M. Poderytė</u> , I. Gabriūnaitė, A. Valiūnienė	HYBRID PHOSPHOLIPID BILAYER SURFACE PROPERTIES INVESTIGATION AND MODIFICATION USING SCANNING ELECTROCHEMICAL MICROSCOPY
P86	<u>J. Smirnovienė</u> , A. Zubrienė, V. Dudutienė, V. Juozapaitienė, V. Michailovienė, D. Matulis	INTRINSIC STRUCTURE-THERMODYNAMICS CORRELATIONS OF FLUORINATED BENZENSULFONAMIDES AS INHIBITORS OF HUMAN CARBONIC ANHYDRASES
P87	<u>R. Stagniūnaitė</u> , V. Kepenienė, Z. Sukackienė, A. Selskis, L. Tamašauskaitė- Tamašiūnaitė, E. Norkus	Ni FOAM METALIZATION AND INVESTIGATION OF THEIR ELECTROCATALYTIC ACTIVITY TOWARDS ALCOHOL OXIDATION REACTION
P88	<u>A. Zinovicus</u> , V. Aukscionis, A. Kisieliute, I. Morkvenaite-Vilkonciene, A. Ramanaviciene, A. Ramanavicius	LOCAL ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY FOR THE EVALUATION OF LABELLED ANTIBODIES
Polymer chemistry		
P89	<u>K. Almonaityte</u> , J. Bendoraitiene, R. Rutkaite	PECULIARITIES OF CATIONIC STARCHES SYNTHESIZED BY USING CaO
P90	<u>L. Baltrūnaitė</u> , U. Vilčiauskaitė, P.P. Danilovas	THERMOPLASTIC CA/AgZeo COMPOSITE FILMS WITH ANTIMICROBIAL PROPERTIES
P91	<u>D. Bražinskienė</u> , S. Mačiulytė, U. Gustytė, S. Asadauskas	VAPORIZATION OF ADIPATE PLASTICIZER FROM POLYISOPRENE FILMS
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