

Contents of the Journal CHEMISTRY in 2006

<i>Branch of science, author, title of article</i>	<i>No., p.</i>	<i>Branch of science, author, title of article</i>	<i>No., p.</i>																
Physical Chemistry																			
Jurgita MATULIONYTĖ, Romas RAGAUSKAS, Olegas EICHER-LORKA, Gediminas NIAURA. Raman spectroscopic study of anion-exchange membranes in modified photographic fixer solution	1	Ignas VALSIŪNAS, Laima GUDAVIČIŪTĖ, Vidmantas KAPOČIUS and Antanas STEPONAVIČIUS. Bi electrodeposition on Pt in acidic medium. 2. Hydrodynamic voltammetry.....	2–3, 11																
Rima TAROZAITĖ, Remigijus JUŠKĖNAS, Marija KURTINAITIENĖ, Aldona JAGMINIENĖ and Algirdas VAŠKELIS. Gold colloids obtained by Au(III) reduction with Sn(II): preparation and characterization	2–3, 1	Povilas MIEČINSKAS, Konstantinas LEINARTAS, Virginija UKSIENĖ, Albinas LUGAUSKAS, Rimantas RAMANAUSKAS and Eimutis JUZELIŪ-NAS. QCM study of microbially influenced corrosion of aluminium subjected to the influence of <i>Aspergillus niger</i> Tiegh.	4, 30																
Ona GYLIENĖ, Sigita VIŠNIAKOVA, Rima BIN-KIENĖ, Ona NIVINSKIENĖ and Aldona JAGMINIENĖ. Discoloration of direct light resistant blue and acid antrachinone blue dyes using metallic iron	4,	Ignas VALSIŪNAS, Povilas MIEČINSKAS, Laima GUDAVIČIŪTĖ and Antanas STEPONAVIČIUS. Bi electrodeposition on Pt in acidic medium. 3. Voltammetric and gravimetric responses	4, 35																
Vitalijus JANICKIS, Rūta STOKIENĖ, Remigijus IVANAUSKAS and Nijolė KREIVENIENĖ. The modification of polyamide 6 films by the copper sulfide layers using dodecathionic acid	4,	Inorganic Chemistry																	
Eugenijus NORIKUS, Virginija KEPENIENĖ, Algirdas VAŠKELIS, Janė JAČIAUSKIENĖ, Irena STALNIONIENĖ, Giedrius STALNIONIS and Donald L. MACALADY. Application of environmentally friendly ligands for alkaline electroless copper plating systems: electroless copper deposition using trisodium salt of 2-hydroxy-1,2,3-propanetricarboxylic acid as Cu(II) ligand	4, 13	Loreta TAMAŠAUSKAITĖ TAMAŠIŪNAITĖ, Rima TAROZAITĖ and Algirdas VAŠKELIS. Electrocatalytic properties of gold nanoparticles in oxidation reactions of reducing agents	4, 20	Aldona BEGANSKIENĖ, Irma BOGDANOVIČIENĖ and Aivaras KAREIVA. Calcium acetylacetone – a novel calcium precursor for sol-gel preparation of $\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$	2–3, 16	Electrochemistry				Jurga BŪDIENĖ, Putinas KALINAUSKAS and Arvydas SURVILA. Photoelectrochemical properties of oxide layers developed on copper electrode in Cu(II) solutions containing glycolic acid and small amounts of chloride	2–3, 7	Sigitė ČIŽAUSKAITĖ, Gintarė ŠPAKAUSKAITĖ, Aldona BEGANSKIENĖ, Aivaras KAREIVA, Vendula REICHLOVA and Jiri PINKAS. A comparative study of GdAlO_3 perovskite prepared by the sol-gel method using different complexing agents	4, 40	Vitalijus JANICKIS. Syntheses and crystal structure of bis(benzyltrimethylammonium) hexabromosele-nate(IV), $[\text{C}_6\text{H}_5\text{CH}_2(\text{CH}_3)_3\text{N}]_2[\text{SeBr}_6]\cdot\text{CH}_3\text{CN}$	4, 46	Giedrė NENARTAVIČIENĖ, Tomas PETRÉNAS, Stasys TAUTKUS, Aldona BEGANS-KIENĖ, Darius JASAITIS and Aivaras KAREIVA. Characteriza-tion of strontium substituted Y-124 superconducting compounds	4, 51	Jiri PINKAS, Edita GARŠKAITĖ, Aldona BEGANSKIENĖ, Giedrė NENARTAVIČIENĖ and Aivaras KAREIVA. Influence of annealing temperature on the phase purity, crystallinity and optical properties of $\text{Y}_3\text{Sc}_2\text{Ga}_3\text{O}_{12}$ prepared by different methods	4, 56
Loreta TAMAŠAUSKAITĖ TAMAŠIŪNAITĖ, Rima TAROZAITĖ and Algirdas VAŠKELIS. Electrocatalytic properties of gold nanoparticles in oxidation reactions of reducing agents	4, 20	Aldona BEGANSKIENĖ, Irma BOGDANOVIČIENĖ and Aivaras KAREIVA. Calcium acetylacetone – a novel calcium precursor for sol-gel preparation of $\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$	2–3, 16																
Electrochemistry																			
Jurga BŪDIENĖ, Putinas KALINAUSKAS and Arvydas SURVILA. Photoelectrochemical properties of oxide layers developed on copper electrode in Cu(II) solutions containing glycolic acid and small amounts of chloride	2–3, 7	Sigitė ČIŽAUSKAITĖ, Gintarė ŠPAKAUSKAITĖ, Aldona BEGANSKIENĖ, Aivaras KAREIVA, Vendula REICHLOVA and Jiri PINKAS. A comparative study of GdAlO_3 perovskite prepared by the sol-gel method using different complexing agents	4, 40																
Vitalijus JANICKIS. Syntheses and crystal structure of bis(benzyltrimethylammonium) hexabromosele-nate(IV), $[\text{C}_6\text{H}_5\text{CH}_2(\text{CH}_3)_3\text{N}]_2[\text{SeBr}_6]\cdot\text{CH}_3\text{CN}$	4, 46	Giedrė NENARTAVIČIENĖ, Tomas PETRÉNAS, Stasys TAUTKUS, Aldona BEGANS-KIENĖ, Darius JASAITIS and Aivaras KAREIVA. Characteriza-tion of strontium substituted Y-124 superconducting compounds	4, 51																
Jiri PINKAS, Edita GARŠKAITĖ, Aldona BEGANSKIENĖ, Giedrė NENARTAVIČIENĖ and Aivaras KAREIVA. Influence of annealing temperature on the phase purity, crystallinity and optical properties of $\text{Y}_3\text{Sc}_2\text{Ga}_3\text{O}_{12}$ prepared by different methods	4, 56																		

Analytical Chemistry

- Vytautas TAMOŠIŪNAS, Audrius PADARAUSKAS and Birutė PRANAITYTĖ. Thiocyanate determination by ion pair chromatography 2–3, 21
 Vytautas TAMOŠIŪNAS, Julijonas PETRAITIS and Audrius PADARAUSKAS. Chloramphenicol determination in milk by liquid chromatography – tandem mass spectrometry 2–3, 25
 Dalia PANAVAITĖ, Edita ADOMAVIČIŪTĖ and Viða VIČKAČKAITĖ. A novel SPME fibre for fatty acid determination 4, 61

Organic Chemistry

- Virginė AMANKAVIČIENĖ, Bronė BARVAINIENĖ, Linas MIKNIUS, Algirdas ŠAČKUS. Synthesis of new basic dimethine dyes containing a phenothiazine moiety 1, 7
 Asta JUDŽENTIENĖ, Justė BUZELYTĖ. Chemical composition of essential oils of *Artemisia vulgaris* L. (mugwort) from North Lithuania 1, 12
 Neringa KLEIZIENĖ, Vytas MARTYNAITIS, Sonata KRIKŠTOLAITYTĖ, Algirdas ŠAČKUS. Synthesis and cyclization of 1'-(*N*-propylcarbamoyl)-methylspiro[1-benzopyran-2,2'-indoles] 1, 16
 Lidija KOSYCHOVA, Zita STUMBREVIČIŪTĖ, Lina PLEČKAITIENĖ, Zita STANIULYTĖ, Benedikta D. PUODŽIŪNAITĖ. Convenient synthesis of novel tetrahydro-1,5-benzodiazepine amide oximes 1, 21
 Inga RAZMUTĖ, Zenonas KUODIS, Olegas EICHER-LORKA, Gediminas NIAURA. Surface-enhanced Raman spectroscopy of indole ring-terminated self-assembled monolayer on silver electrode 1, 25
 Jonas ŠARLAUSKAS, Henrikas NIVINSKAS, Žilvinas ANUSEVIČIUS, Lina MISEVIČIENĖ, Audronė MAROZIENĖ, Narimantas ČENAS. Estimation of single-electron reduction potentials (E_7^1) of nitroaromatic compounds according to the kinetics of their single-electron reduction by flavoenzymes 1, 31

- Sigitas TUMKEVICIUS, Olegas BOBROVAS, Laura GRINCIUNAITE. Synthesis of ethyl *N*-(6-substituted 5-cyano-2-methylthiopyrimidin-4-yl)glycimates and their cyclisation to pyrrolo[2,3-*d*]pyrimidines 1, 38
 Violeta KANAPICKAITĖ, Jolanta GIRNIENĖ and Algirdas ŠAČKUS. Quaternisation of pyridines with 2-methyl- and 2-amino-4-(chloromethyl)-thiazoles 2–3, 30
 Aušra NEMEIKAITĖ-ČENIENĖ, Valė MILIUKIENĖ, Jonas ŠARLAUSKAS, Evaldas MALDUTIS and Narimantas ČENAS. Chemical aspects of cytotoxicity of nitroaromatic explosives: a review 2–3, 34
 Birutė SAPIJANSKAITĖ, Vytautas MICKEVIČIUS, Kristina KANTMINIENĖ and Gema MIKULSKIENĖ. Synthesis and properties of 2-substituted naphtho[2,3-*d*]-imidazole and benzoxazole derivatives 2–3, 42
 Aušra VEKTARIENĖ. Ab-initio modeling of the addition reaction of methylsulfen chloride to functionalized ethenes 2–3, 47
 Asta JUDŽENTIENĖ, Jurgita ŠLIŽYTĖ, Aida STIKLIENĖ and Eugenija KUPČINSKIENĖ. Characteristics of essential oil composition in the needles of young Scots pine (*Pinus sylvestris* L.) stands growing along an aerial ammonia gradient 4, 67
Polymer Chemistry
 Daina RAGAUSKIENĖ and Ričardas MAKUŠKA. Consolidation and ageing features of vinylneodecanoate-containing adhesive films used as a support for museum textiles 2–3, 52
 Tatjana ROMAŠKEVIČ, Saulutė BUDRIENĖ, Krzysztof PIELICHOWSKI and Jan PIELICHOWSKI. Application of polyurethane-based materials for immobilization of enzymes and cells: a review 4, 74
Chronicle 2–3, 60