

Contents of the Journal „Chemistry“ in 2005

<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			
Albertas MALINAUSKAS, Julė MALINAUSKIENĖ. Revising the kinetics of aniline electropolymerization under controlled potential conditions	1, 1	Ilja IVADKEVIĖ, Danguolė BRIDPIUVIENĖ. Investigation of microbiologically influenced corrosion. 2. EIS study of two-year exposure of zinc to <i>Penicillium frequentans</i> , <i>Aspergillus niger</i> and <i>Bacillus mycoides</i>	2, 6
Rima TAROZAITĖ. Influence of Cu ²⁺ and dicarboxylic acid additives on electroless nickel plating	1, 8	Eimutis JUZELIŪNAS, Rimantas RAMANAUSKAS, Albinas LUGAUSKAS, Meilutė SAMULEVIĖIENĖ, Konstantinas LEINARTAS, Emilija IVASKEVIĖ, Dalia PEĖIULYTĖ. Investigation of microbiologically influenced corrosion. 3. Two-year exposure of aluminium to <i>Penicillium frequentans</i> , <i>Aspergillus niger</i> and <i>Bacillus mycoides</i>	2, 12
Algirdas VADKELIS, Irma ĖERDKIENĖ, Giedrius STALNIONIS. A study of copper sulfide films by electrochemical quartz crystal microgravimetry	1, 14	Genovaitė VALIULIENĖ, Albina PIELIENĖ, Vitalija JASULAITIENĖ. Investigation of electrochemical behaviour of Co sulphide in nickel plating electrolyte	2, 18
Aldona JAGMINIENĖ, Algirdas VADKELIS, Ina STANKEVIĖIENĖ, Loreta TAMADAUSKAITĖ TAMADIŪNAITĖ. Electroless copper deposition using Co(II)–diethylenetriamine complex as reducing agent	2, 33	Olga GIRĖIENĖ, Meilutė SAMULEVIĖIENĖ, Aloyzas SUDAVIĖIUS, Rimantas RAMANAUSKAS, Leontij LAPUCHIN. Efficiency of steel corrosion inhibitor calcium nitrite in alkaline solutions and concrete structures	3–4, 1
Electrochemistry			
Dalia BRAPINSKIENĖ, Arvydas SURVILA, Meilutė SAMULEVIĖIENĖ. Cu(II) electroreduction kinetics in acidic sulphate solutions containing tetra-ethyleneglycol and small amounts of chlorides	1, 20	Ona GYLIENĖ, Ona NIVINSKIENĖ. Electrochemical regeneration of chitosan after Ni(II)–citrate complex sorption	3–4, 7
Rimantas RAMANAUSKAS, Eimutis JUZELIŪNAS, Algis NARKEVIĖIUS, Dalia BUĖINSKIENĖ, Albinas LUGAUSKAS, Dalia PEĖIULYTĖ, Loreta LEVINSKAITĖ, Vidmantas ULEVIĖIUS, Dalia JASINEVIĖIENĖ. Investigation of microbiologically influenced corrosion. 1. Characterization of natural outdoor conditions in Lithuania	1, 25	Arūnas JAGMINAS, Indrė GAILIŪTĖ, Gediminas NIAURA, Raimondas GIRAITIS. Template-assisted fabrication of pure Se nanocrystals in controllable dimensions	3–4, 15
Audronė SURVILIENĖ, Arvydas SURVILA. Impedance characterization of <i>p</i> - and <i>n</i> -Cu ₂ O layers developed in Cu(II) solutions containing ligands	2, 1	Ignas VALSIŪNAS, Laima GUDAVIĖIŪTĖ, Antanas STEPONAVIĖIUS. Bi electrodeposition on Pt in acidic medium. 1. A cyclic voltammetry study	3–4, 21
Eimutis JUZELIŪNAS, Rimantas RAMANAUSKAS, Albinas LUGAUSKAS, Meilutė SAMULEVIĖIENĖ, Konstantinas LEINARTAS, Emi-		Inorganic Chemistry	
lijas IVADKEVIĖ, Danguolė BRIDPIUVIENĖ. Isolation of intermediate products of acidic decomposition of selenopentionate: the seleno-polythionates containing more than four sulfur atoms in the molecule	1, 35		

Analytical Chemistry

- Bronislava BUTKUTĖ.** Effect of the calibration model on the correlation between spectral data and nitrogen content in various agricultural objects 1, 45
- Dalia PANAVAITĖ, Audrius Padarauskas, Vida VIĖKAĖKAITĖ.** A new solid phase micro-extraction fiber for aromatic hydrocarbons 2, 24
- Algimantas IRNIUS, Danutė SPEIĖIENĖ, Kristina PAJENĖKOVSKYTĖ, Stasys TAUTKUS, Rolandas KAZLAUSKAS, Aivaras KAREIVA.** Rapid quantitative determination of metals in blood and liver by FAAS 3–4, 29
- Jūratė SENVAITĖNĖ, Aldona BEGANSKIENĖ, Stasys TAUTKUS, Audrius PADARAUSKAS, Aivaras KAREIVA.** Characterization of historical writing inks by different analytical techniques 3–4, 34

Organic Chemistry

- Rita BUTKIENĖ, Ona NIVINSKIENĖ, Danutė MOCKUTĖ.** α -Pinene chemotype of leaf (needle) essential oils of *Juniperus communis* L. growing wild in Vilnius district 53
- Linus LABANAUSKAS.** Synthesis of 1-(2-methyl-2,3-dihydrobenzo[*b*]furan-5-yl)-3-phenyl-2-propen-1-one derivatives and analogues 1, 61
- Sigitas TUMKEVICIUS, Giedrute MEKUSKIENE, Vladas GEFENAS, Povilas VAINILAVICIUS.** Substituent effect on proton chemical shifts of amide and azomethine groups of arylidenehydrazides of 5-substituted 2-pyrimidinocarboxylic acids and their aromatic analogs 1 65
- Danutė MOCKUTĖ, Genovaitė BERNOTIENĖ, Asta JUODPENTIENĖ.** Storage-induced changes in essential oil composition of *Leonurus cardiaca* L. plants growing wild in Vilnius and of

- commercial herbs 2, 29
- Milda M. BURBULIENĖ, Eglė MALDUTYTĖ, Povilas VAINILAVIČIUS.** Synthesis of S- and O-alkanoic acid derivatives of 6-phenyl-2-sulfany-4(3*H*)-pyrimidinone 3–4, 39
- Asta MICHALEVIČIŪTĖ, Gintaras BUIKA, Jolita OSTRAUSKAITĖ, Juozas-Vidas GRAPULEVIČIUS, Vygintas JANKAUSKAS, François TRAN-VAN, Claude CHEVROT.** 3,3'-Bicarbazole-based dihydrazones for electrographic photoreceptors 3–4, 43
- Danutė MOCKUTĖ, Genovaitė BERNOTIENĖ, Asta JUODPENTIENĖ.** Chemical composition of essential oils of *Glechoma hederacea* L. growing wild in Vilnius district 3–4, 47
- Ona NIVINSKIENĖ, Rita BUTKIENĖ, Danutė MOCKUTĖ.** Chemical composition of seed (fruit) essential oils of *Angelica archangelica* L. growing wild in Lithuania 3–4, 51
- Gintautas ŠADUIKIS, Laimutė RASTENYTĖ, Algirdas MATIJOŠKA, Olegas EICHER-LORKA.** Computational modeling of phase-transfer catalyst 1-propyl-4-dimethylaminopyridinium 3–4, 55

Chronicle

- The 70-year Jubilee of Professor Vitas Daukšas 1, 69
- Algirdas VADKELIS.** Requiem to polarography at the institute of chemistry 58

In memoriam

- Professor Gregory Rozovskis 1, 73
- The 80th birthday of Professor Ona Galdikienė 1, 75
- Kazys Daukšas (1905–1985) 1, 77
- Professor Stasys Kutkevičius (19 01 1925 – 13 02 1994) 1, 79
- In memoriam 3–4, 67