

CONTENTS

Physical Chemistry

- Dalia BRAŽINSKIENĖ, Antanas STRAKŠYS, Violeta VOIŠNIENĖ, Rasa VILKAUSKAITĖ, Svajus ASADAUSKAS.** Oxidative decomposition of thin films of oleyl and stearyl alcohols on steel surface 1
- Loreta TAMAŠAUSKAITĖ-TAMAŠIŪNAITĖ, Eugenijus NORKUS, Ina STANKEVIČIENĖ, Aldona JAGMINIENĖ, Benjaminas ŠEBEKA, Aldona BALČIŪNAITĖ, Aušrinė ZABIELAITĖ, Giedrius STALNIONIS, Liudas TUMONIS, Vytenis BUZAS, Laurynas MAČIULIS.** EQCM investigation of electroless Pt deposition using Ti^{4+}/Ti^{3+} redox couple as reducing agent 9

Electrochemistry

- Arvydas SURVILA, Kęstutis MAŽEIKA.** Concentration profiles as lability indicators for electrochemical systems containing metal complexes 14
- A. BALČIŪNAITĖ, Z. SUKACKIENĖ, L. TAMAŠAUSKAITĖ-TAMAŠIŪNAITĖ, D. M. F. SANTOS, E. NORKUS.** Employment of Au/Co and Au/CoB as materials for anodes in borohydride–hydrogen peroxide fuel cells 21
- Regina MAŽEIKIENĖ, Gediminas NIAURA, Albertas MALINAUSKAS.** Raman spectroelectrochemical study of electrodeposited Prussian blue layer: dependence of spectral intensity on underlying electrode roughness 28

Inorganic Chemistry

- Danutė KAUSPĖDIENĖ, Romas RAGAUSKAS, Vidas PAKŠTAS, Audronė GEFENIENĖ.** Fluoride and silicon removal from spent glass etching solution by chemical treatment 33
- Sabina PRUŠINSKIENĖ, Laurynas ŠILIAUSKAS, Gražina SKRIDLAITĖ.** Varieties and chemical composition of magnetite in the Varėna Iron Ore Deposit 39

Organic Chemistry

- Giedrė KASPARAVIČIENĖ, Justyna JURGELEVIČ, Zenona KALVĖNIENĖ, Saulė VELŽIENĖ, Arūnas SAVICKAS, Daiva KAZLAUSKIENĖ.** Evaluation of extraction factors influence on total phenolic content and antioxidant activity of *Melissa officinalis* L. leaves extracts 58
- Birutė GRYBAITĖ, Ilona JONUŠKIENĖ, Rita VAICKELIONIENĖ, Vytautas MICKEVIČIUS.** Synthesis, transformation and antibacterial activity of new *N,N*-disubstituted 2-aminothiazole derivatives 64

Polymer Chemistry

- Sandra MAČIULYTĖ, Gintarė GUTAUSKIENĖ, Jana NIEDRITIS, Tatjana KOCHANĖ, Saulutė BUDRIENĖ.** PVA and various diisocyanates based poly(urethane-urea) microcapsules for encapsulation of enzyme in water/butyl acetate emulsion: synthesis and study 74