

CONTENTS

Organic Chemistry

- N. M. Krstić, M. S. Bjelaković, Lj. B. Lorenc and V. D. Pavlović*: Oxidative fragmentation of 5-hydroxy-1-oxo-5 α -cholestan-3 β -yl acetate 785
- V. Popsavin, S. Grabež, I. Krstić, M. Popsavin and D. Djoković*: A formal synthesis of (+)-mucatacin from D-xylose 795
- D. Zlatković, D. Jakovljević, Dj. Zeković and M. M. Vrvic*: A glucan from active dry baker's yeast (*Saccharomyces cerevisiae*): chemical and enzymatic investigation of the structure (Preliminary communication) 805

Biochemistry

- R. Masnikosa, J. Anna Nikolić and O. Nedić*: Membrane-associated insulin-like growth factor (IGF) binding structures in placental cells 811
- R. M. Prodanović, M. B. Simić and Z. M. Vujčić*: Immobilization of periodate oxidized invertase by adsorption on sepiolite 819

Physical Chemistry

- D. Ž. Mijin, D. G. Antonović and B. Ž. Jovanović*: Gas chromatographic retention indices for N-substituted amino *s*-triazines on capillary columns. Part V. Temperature dependence of the retention index 825
- A. Vujaković, A. Daković, J. Lemić, A. Radosavljević-Mihajlović and M. Tomašević-Čanović*: Adsorption of inorganic anionic contaminants on surfactant modified minerals 833

Electrochemistry

- X. Yang, Sh. Chen, Sh. Zhao, D. Li and H. Ma*: Synthesis of copper nanorods using electrochemical methods 843
- A. V. Tripković, K. Dj. Popović and J. D. Lović*: Comparison of formic acid oxidation at supported Pt catalyst and at low-index Pt single crystal electrodes in sulfuric acid solution 849
- S. Lj. Gojković*: Electrochemical oxidation of methanol on Pt₃Co bulk alloy 859
- J. P. Popić and D. M. Dražić*: Electrochemistry of active chromium. Part III. Effects of temperature ... 871

Analytical Chemistry

- D. Zendelovska and T. Stafilov*: High-performance liquid chromatographic determination of famotidine in human plasma using solid-phase column extraction 883

Materials

- V. Maksimović, S. Zec, V. Radmilović and M. T. Jovanović*: The effect of microalloying with silicon and germanium on microstructure and hardness of a commercial aluminium alloy 893
- K. I. Popov, P. M. Živković and S. B. Krstić*: The apparent density as a function of the specific surface of copper powder and the shape of the particle size distribution curve 903
- Errata 909