

YU-ISSN 0352-5139

*J. Serb. Chem. Soc.* Vol. 64, No. 5–6(1999)

CONTENTS

***Electrochemistry***

- |  |     |
|--|-----|
| <i>M. D. Maksimović and K. I. Popov:</i> Mass transfer during electrodeposition of metals at a periodically changing rate (Review).....                      | 317 |
| <i>K. I. Popov, S. M. Pešić and T. M. Kostić:</i> The current distribution in an electrochemical cell. Part IV. The relation to the Haring-Blum method ..... | 341 |

***Physical Chemistry***

- |   |     |
|---|-----|
| <i>P. I. Premović, N. D. Nikolić, I. R. Tonsa, D. T. Dulanović and M. S. Pavlović:</i> Cretaceous-Tertiary boundary layer at Stevns Klint (Denmark): copper and copper(II) porphyrins | 349 |
| <i>I. A. Janković, M. M. Čakar and J. M. Nedeljković:</i> Influence of sodium dodecyl sulphate on the reaction between Nile Blue A and hydrogen peroxide .....                        | 359 |
| <i>R. Ž. Vračar and K. P. Cerović:</i> Thermodynamic analysis of copper(I) sulphide chlorination by calcium chloride in the presence of oxygen.....                                   | 365 |
| <i>J. L. Vučina:</i> Influence of the radioactive concentration on the <i>in vitro</i> stability of Tc-99m(Sn)-pyrophosphate .....  | 375 |

***Inorganic Chemistry***

- |   |     |
|---|-----|
| <i>S. O. Podunavac-Kuzmanović, V. M. Leovac, N. U. Perišić-Janjić, J. Rogan and J. Balaž:</i> Complexes of cobalt(II), zinc(II) and copper(II) with some newly synthesized benzimidazole derivatives and their antibacterial activity ..... | 381 |
|---|-----|

***Organic Chemistry***

- |  |     |
|--|-----|
| <i>D. Kitić, R. Palić, N. Ristić and G. Stojanović:</i> The fatty acids and alkanes of <i>Satureja adamovicii</i> Šilić and <i>Satureja fukarekii</i> Šilić (Note) ..... | 389 |
| <i>S. A. Jovanović-Šanta, V. M. Pejanović and J. A. Petrović:</i> A novel route to 3-hydroxy-16,17-seco-estrone derivatives (Note).....                                  | 391 |

Published by the Serbian Chemical Society, Karnegijeva 4/III,

P. O. Box 35-08, YU-11001 Belgrade, Yugoslavia

Printed by the Faculty of Technology and Metallurgy, Karnegijeva 4,

P. O. Box 35-03, YU-11001 Belgrade, Yugoslavia