

CROATICA CT HEMICA

Journal of the Croatian Chemical Society
Published since 1927



*Special issue dedicated to
Prof. emerita Mirjana Metikoš-Huković
on the occasion of her 80th birthday*

Guest editors

INGRID MILOŠEV AND SAŠA OMANOVIĆ

Croatica Chemica Acta is indexed in Chemical Abstracts Plus (CAPlus), Science Citation Index (SCI), Science Citation Index Expanded (SCIE), Current Contents – Physical, Chemical & Earth Sciences (CC), SCOPUS, EBSCO – Academic Search Complete, ProQuest, Portal of Croatian Scientific Journals (HRČAK), Directory of Open Access Journals (DOAJ)

CROATICA CHEMICA ACTA

Published by the Croatian Chemical Society

CO-PUBLISHERS

Faculty of Science, University of Zagreb, Croatia
Ruđer Bošković Institute, Zagreb, Croatia

EDITOR-IN-CHIEF

Olga Kronja

Faculty of Pharmacy and Biochemistry, University of Zagreb, Zagreb, Croatia

EDITORIAL BOARD

EDITOR: Bono Lučić, Ruđer Bošković Institute, Zagreb, Croatia

ASSOCIATE EDITORS: Darko Babić, Miroslav Bajić, Nikola Basarić, Marina Cindrić, Vlasta Drevenkar, Ita Gruić-Sovulj, Davor Kovačević, Zlatko Mihalić, Predrag Novak, Viktor Pilepić, Ines Primožič, Silvana Raić-Malić, Vladislav Tomišić, Srećko Valić, Mario Vazdar, Dražen Vikić-Topić

PRODUCTION EDITOR: Danijel Namjesnik

TECHNICAL EDITORS: Sandra Čičić, Petra Kalinovčić, Danijel Namjesnik, Ozren Jović

EDITORIAL SECRETARIES: Danijela Hus Mustić

HONORARY EDITOR: Jean-Marie Lehn

MEMBERS OF THE EDITORIAL BOARD: Ljerka Brečević, Mladen Biruš, Ljiljana Fruk, Mirjana Metikoš-Huković, Marija Šindler-Kulyk, Hrvoj Vančik, Robert Vianello

ADVISORY BOARD

A. M. Bond (Australia), T. Cvitaš (Croatia), M. V. Diudea (Romania), D. Hadži (Slovenia), C. Giacomazzo (Italy), D. Grdenić (Croatia), D. J. Klein (USA), M. Klessinger (Germany), J. Kobe (Slovenia), J. P. Kratochvil (USA), V. Kvasnička (Slovakia), A. de Meijere (Germany), J. Mink (Hungary), K. Mlinarić-Majerski (Croatia), M. Randić (USA), Ch. Rücker (Germany), J. R. Sabin (USA), A. Simon (Germany), B. Stanovnik (Slovenia), V. Šunjić (Croatia), M. Tišler (Slovenia), N. Trinajstić (Croatia), J. Wang (USA)

EDITORIAL OFFICE

CROATICA CHEMICA ACTA

Horvatovac 102a, HR-10000 Zagreb, CROATIA

Phone: +385-(0)1-460-6130 Fax: +385-(0)1-460-6131 E-mail: cca@hkd.hr URL: <http://cca.hkd.hr/>

Croatia Chemica Acta is at the highest possible level of Open Access, meaning that all content is immediately and freely available to anyone, anywhere, to be downloaded, printed, distributed, read, reused, self archived, and remixed (including commercially) without restriction, as long as the author and the original source are properly attributed according to the Creative Commons Attribution 4.0 International License (CC BY). The author(s) hold the copyright and retain publishing rights without restrictions. All issues since 1985 are available online free of charge. *Online First* articles are also available.

*Croatia Chemica Acta is partially financed by
Ministry of Science and Education of the Republic of Croatia*



*This special issue is dedicated to
Professor emerita Mirjana Metikoš–Huković
on the occasion of her 80th birthday*



MIRJANA METIKOŠ-HUKOVIĆ

Faculty of Chemical Engineering and Technology,
University of Zagreb, Zagreb, Croatia