

UDC 54  
Coden: CCACAA  
ISSN 0011-1643, e-ISSN 1334-417X  
Published Since 1927

---

**Published by the Croatian Chemical Society**

**C**ROATICA  
**C**CT  
HEMICA

**Special Issue**

Guest Editors

**Ana Smontara**

**Emil Babić**

**Dražen Vikić-Topić**

*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,  
Directory of Open Access Journals (DOAJ),  
Portal of Croatian Scientific Journals (HRČAK)

*Croatica Chemica Acta* is supported by the  
Ministry of Science, Education and Sports of the Republic of Croatia

**ZAGREB  
CROATIA  
2010**

# CROATICA CHEMICA ACTA

Published by the Croatian Chemical Society

## Co-publishers

**Faculty of Science, University of Zagreb**  
Horvatovac 102A, Zagreb, Croatia

**Ruder Bošković Institute**  
Bijenička c. 54, Zagreb, Croatia

**Editor-in-Chief** Nikola Kallay

**Editors** Ljerka Brečević  
Tomica Hrenar  
Predrag Novak

**Assistant Editors** Bono Lučić  
Greta Prajdić

**Technical Editors** Miroslav Bajić  
Ljerka Brečević  
Zoran Kokan  
Danijel Namjesnik  
Greta Prajdić

**Junior Editor** Ozren Jović

**Editorial Assistant** Nada Trajkov

**Honorary Editor** Jean-Marie Lehn

**Author of the Article Template** Tomica Hrenar

## EDITORIAL BOARD

Darko Babić  
Goran Baranović  
Mladen Biruš  
Marina Cindrić  
Vlasta Drevenkar  
Olga Kronja

Milivoj Lovrić  
Mirjana Metikoš  
Kata Mlinarić-Majerski  
Ines Primožič  
Marija Šindler-Kulyk  
Vladislav Tomišić

Hrvoj Vančik  
Zorica Veksli  
Ivana Weygand Đurašević  
Robert Vianello  
Dražen Vikić-Topić  
Tomislav Živković

## ADVISORY BOARD

F. H. Allen (UK)  
A. M. Bond (Australia)  
M. V. Diudea (Romania)  
D. Hadži (Slovenia)  
C. Giacobozzo (Italy)  
R. Gleiter (Germany)  
D. Grdenić (Croatia)  
B. Kamenar (Croatia)  
D. Keglević (Croatia)

D. J. Klein (USA)  
M. Klessinger (Germany)  
J. Kobe (Slovenia)  
V. Kvasnička (Slovakia)  
E. Matijević (USA)  
A. de Meijere (Germany)  
J. Mink (Hungary)  
M. Randić (USA)  
Ch. Rücker (Germany)

J. R. Sabin (USA)  
Vl. Simeon (Croatia)  
A. Simon (Germany)  
D. Sunko (Croatia)  
B. Stanovnik (Slovenia)  
M. Tišler (Slovenia)  
N. Trinajstić (Croatia)  
J. Wang (USA)

## Address of the Editorial Board

### CROATICA CHEMICA ACTA

Horvatovac 102A, HR-10000 Zagreb, Croatia

Phone: +385 1 460 6163 Fax: +385 1 460 6131 E-mail: CCA@chem.pmf.hr

**Proceedings of the EU Workshop**  
**FRONTIERS IN COMPLEX METALLIC ALLOYS**

Institute of Physics, Zagreb, October 1–4, 2008

*Dedicated to Professor Boran Leontić*  
*on the occasion of his 80<sup>th</sup> birthday*