
12th CROATIAN-SLOVENIAN CRYSTALLOGRAPHIC MEETING
Plitvice Lakes National Park
June 19–22, 2003

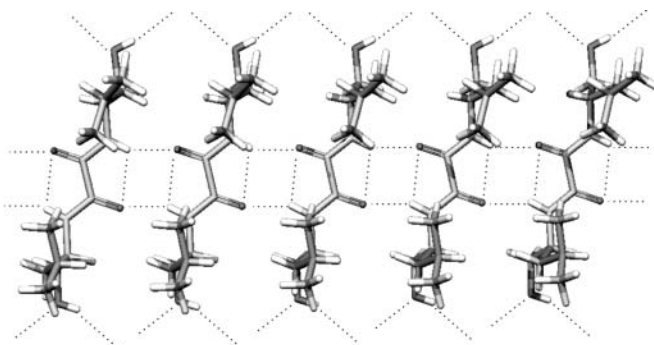
FOREWORD

Boris Kamenar

Croat. Chem. Acta 77 (2004) XLI

REVIEWS

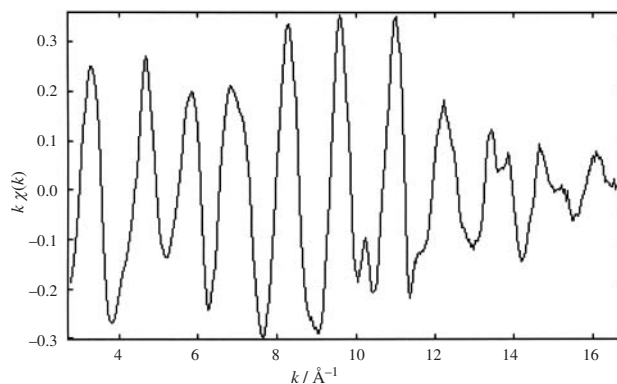
CCA-2943

Hydrogen Bonding and Molecular AssembliesBiserka Kojić-Prodić, Zoran Štefanić,
and Mladen Žinić*Croat. Chem. Acta* 77 (2004) 415–425

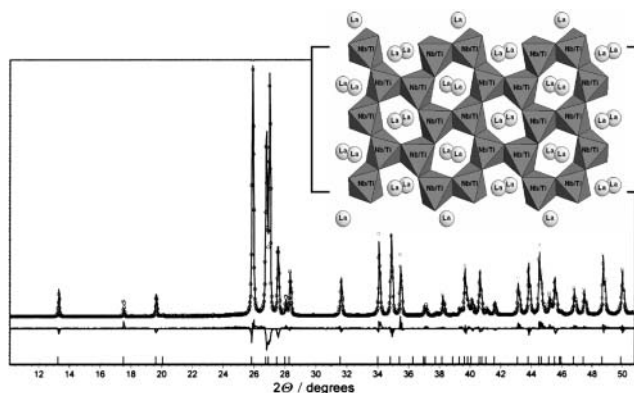
CCA-2944

EXAFS Spectroscopy: a Brief Introduction

Gilberto Vlaic and Luca Olivi

Croat. Chem. Acta 77 (2004) 427–433

CCA-2945

Solving Structural Problems of Ceramic MaterialsAmalija Golobič, Srečo D. Škapin, Danilo Suvorov,
and Anton Meden*Croat. Chem. Acta* 77 (2004) 435–446

18th Dubrovnik International Course & Conference
MATH / CHEM / COMP 2003
Dubrovnik
June 23–28, 2003

FOREWORD

Ante Graovac, Biserka Pokrić, and Dražen Vikić-Topić

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ESSAY

CCA-2946

**What Can Be Said about the Number 13
beyond the Fact that It Is a Prime Number?**

Lionello Pogliani, Milan Randić, and Nenad Trinajstić

Croat. Chem. Acta **77** (2004) 447–456

The story about the number 13 is told

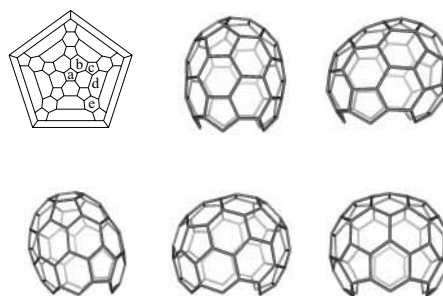
ORIGINAL SCIENTIFIC PAPERS

CCA-2947

C₇₀ Dimers – Energetics and Topology

Csaba L. Nagy, Monica Stefu, Mircea V. Diudea,
Andreas Dress, and Achim Müller

Croat. Chem. Acta **77** (2004) 457–464

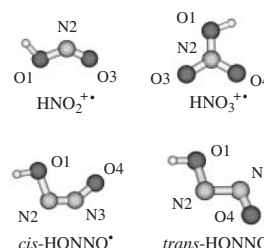


CCA-2948

Proton Affinities of Nitrogen Oxyradicals

Snježana P. Kazazić, Leo Klasinc,
Sean P. McGlynn, and William A. Pryor

Croat. Chem. Acta **77** (2004) 465–468

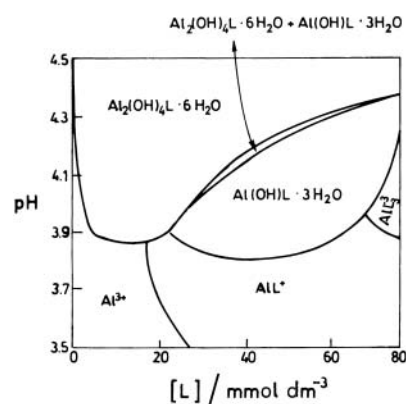


CCA-2949

**Precipitation and Characterization
of Two Novel Aluminum Hydroxo Phthalates
Formed in the Presence of Silicic Acid**

László Horváth, Halka Bilinski, Lajos Radics, and Nils Ingri

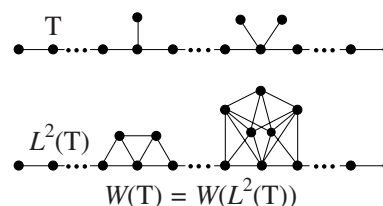
Croat. Chem. Acta **77** (2004) 469–476



CCA-2950

Trees, Quadratic Line Graphs and the Wiener Index

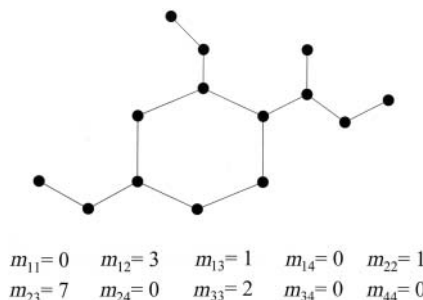
Andrey A. Dobrynin and Leonid S. Mel'nikov

*Croat. Chem. Acta* **77** (2004) 477–480

CCA-2951

Which Valence Connectivities Realize Monocyclic Molecules: Generating Algorithm and Its Application to Test Discriminative Properties of the Zagreb and Modified Zagreb Indices

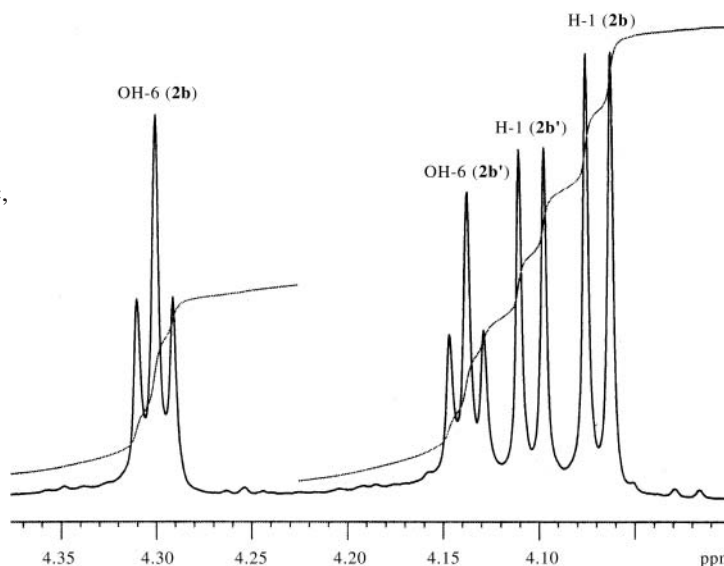
Damir Vukičević and Ante Graovac

*Croat. Chem. Acta* **77** (2004) 481–490

CCA-2952

Synthesis of Selected Naturally Occurring Glucosides of Volatile Compounds. Their Chromatographic and Spectroscopic Properties

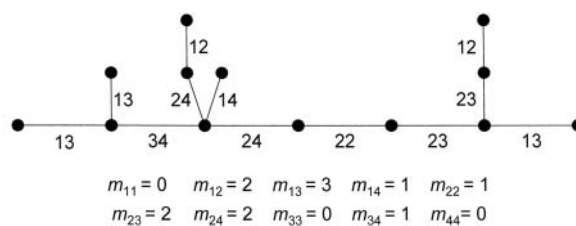
Josip Mastelić, Igor Jerković, Marijana Vinković, Zoran Džolić, and Dražen Vikić-Topić

*Croat. Chem. Acta* **77** (2004) 491–500

CCA-2953

Valence Connectivity versus Randić, Zagreb and Modified Zagreb Index: A Linear Algorithm to Check Discriminative Properties of Indices in Acyclic Molecular Graphs

Damir Vukičević and Ante Graovac

*Croat. Chem. Acta* **77** (2004) 501–508

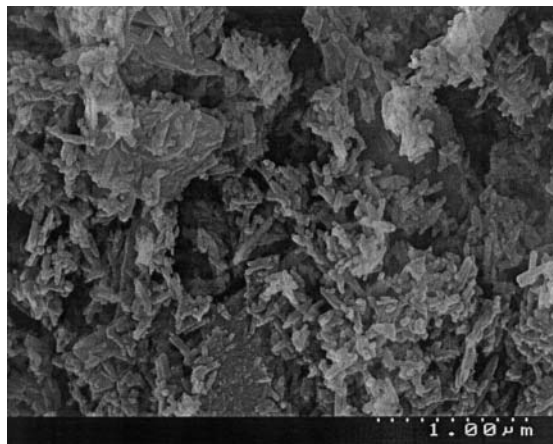
ORDINARY CCA PAPERS

ORIGINAL SCIENTIFIC PAPERS

CCA-2954

**A Method for Avoiding
the Xanthoproteic-associated Discolouration
in Reprecipitated (Nitric-acid-digested)
Hydroxyapatite Prepared
from Mammalian Bone Tissue**

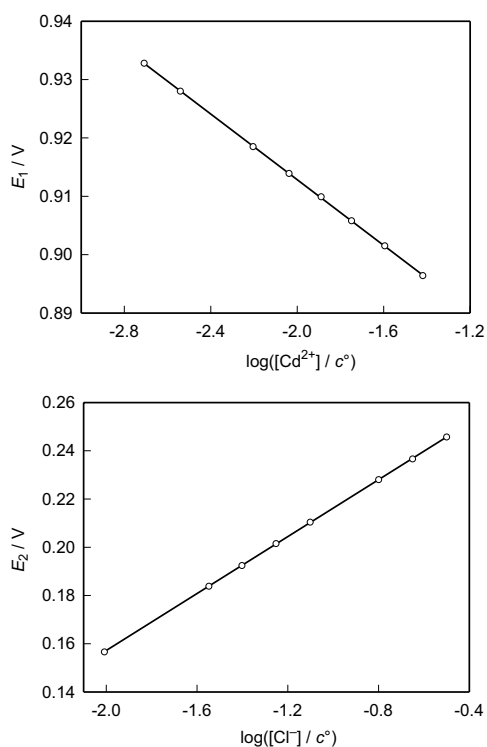
Michael R. Mucalo and David L. Foster

Croat. Chem. Acta 77 (2004) 509–517

CCA-2955

**Investigation of the Complex Forming Reactions
of Cd²⁺ and Cl⁻ Ions in 2-Butanone + Water Mixtures
by Direct Potentiometry**

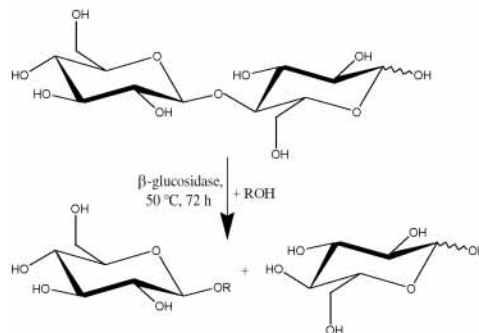
Renato Tomaš, Ivo Tominić, Vesna Sokol, and Marija Višić

Croat. Chem. Acta 77 (2004) 519–527

CCA-2956

**GC-MS Characterization of Acetylated
β-D-glucopyranosides: Transglucosylation
of Volatile Alcohols Using Almond β-glucosidase**

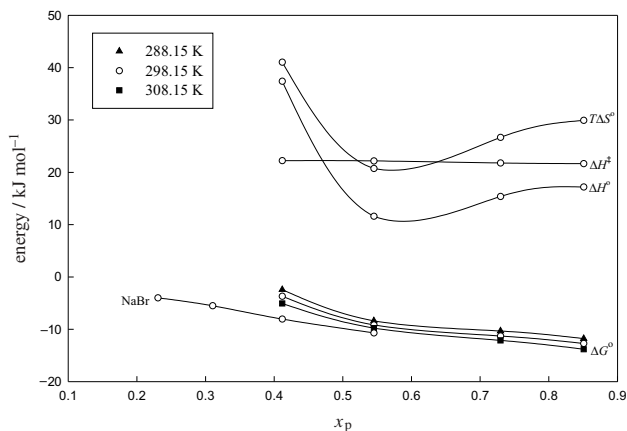
Igor Jerković and Josip Mastelić

Croat. Chem. Acta 77 (2004) 529–535

CCA-2957

Conductometric Study of Hydrobromic Acid in 2-Propanol + Water Mixtures

Ivo Tominić, Renato Tomaš, Marija Višić,
and Vesna Sokol



Croat. Chem. Acta **77** (2004) 537–543

APPENDIX

BOOK REVIEWS

Nenad Trinajstić	A9
Božidar Grabarić	A10
Nenad Trinajstić	A11

MINUTES OF THE ANNUAL ASSEMBLY OF THE CROATIAN CHEMICAL SOCIETY (in Croatian)

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