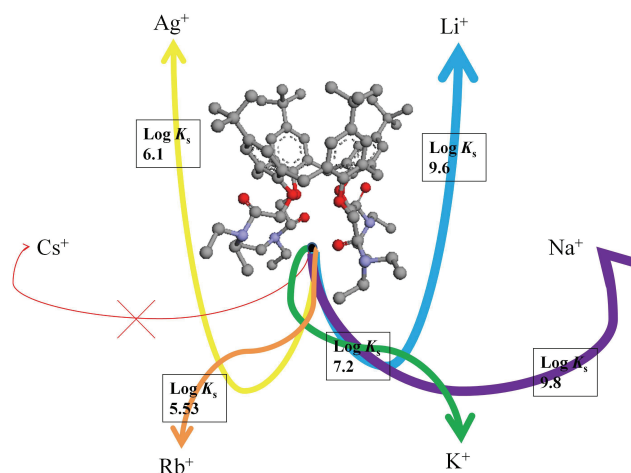


## FEATURE ARTICLE

### An Enchiridion of Supramolecular Thermodynamics: Calix[*N*]arene (*N*=4,5,6) Tertiary Amide Derivatives and their Ionic Recognition

Angela F. Danil de Namor,\* Tomas T. Matsufuji-Yasuda, Katherine Zegarra-Fernandez, Oliver A. Webb, and Abdelaziz El Gamouz

*Croat. Chem. Acta* 86 (2013) 1–19.

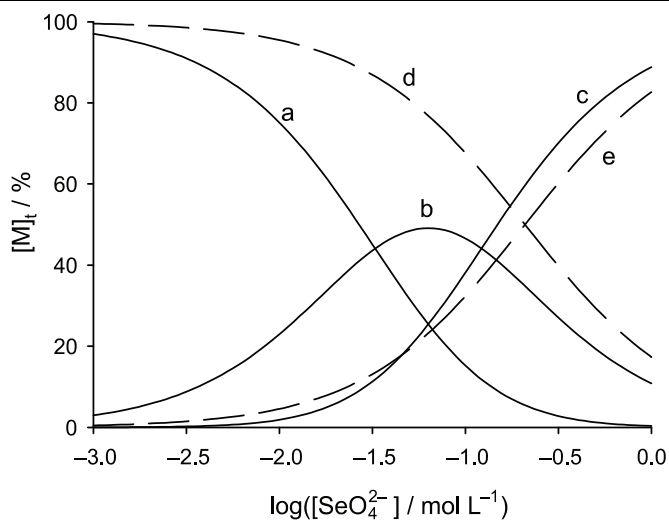


## ORIGINAL SCIENTIFIC ARTICLES

### Voltammetric Study of Uranyl–Selenium Interactions. Part 2. Uranyl(V) Selenate Complex

Marina Zelić,\* Ivanka Pižeta, and Renata Djogić

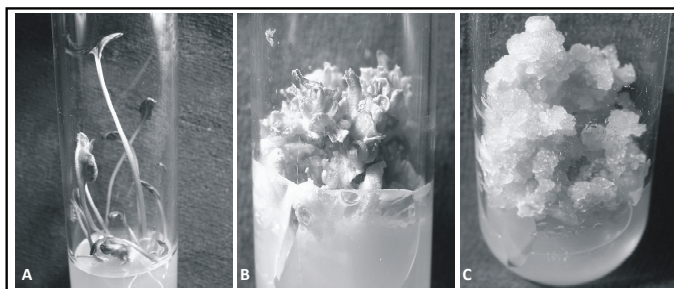
*Croat. Chem. Acta* 86 (2013) 21–26.



### Protein and Glycoprotein Patterns Related to Morphogenesis in Horseradish Tissue Culture

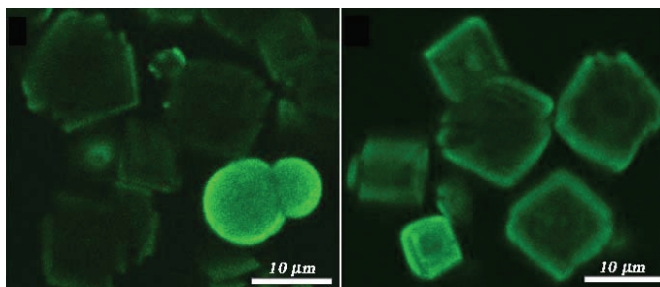
Petra Peharec Štefanić, Ana Smolko, Anita Horvatić, Mario Cindrić, Marijana Krsnik-Rasol, and Biljana Balen\*

*Croat. Chem. Acta* 86 (2013) 27–37.



**The Influence of a Protein Fragment Extracted from Abalone Shell Green Layer on the Precipitation of Calcium Carbonate Polymorphs in Aqueous Media**

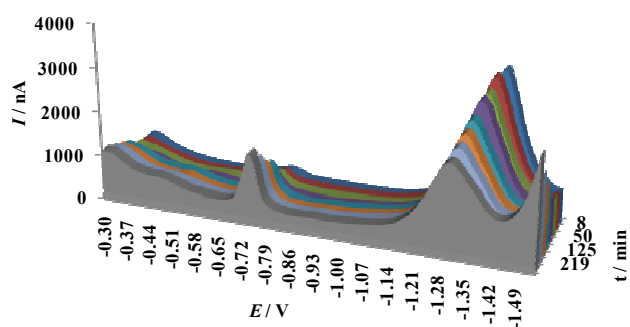
Branka Njegić-Džakula, Michela Reggi, Giuseppe Falini, Igor Weber, Ljerka Brečević,\* and Damir Kralj\*



*Croat. Chem. Acta* **86** (2013) 39–47.

**Anaerobic Hydrolytic Degradation of Cefpodoxime Proxetil in the Presence of UV Irradiation and in Darkness: Kinetics and pH Effect**

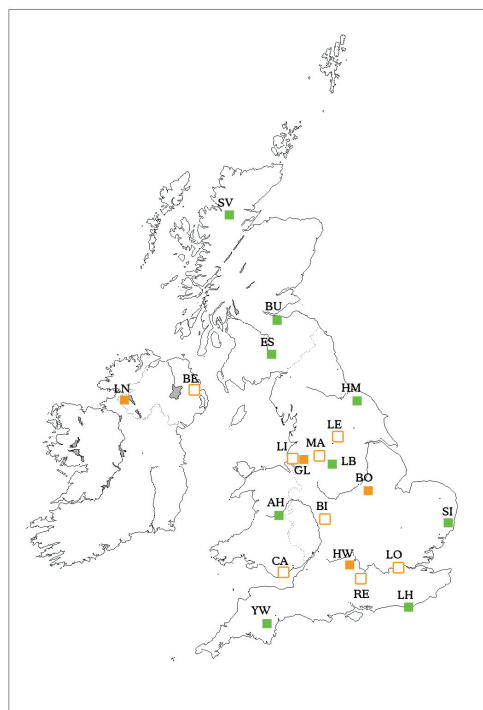
Ender Biçer,\* Neslihan Özdemir, and Serkan Özdemir



*Croat. Chem. Acta* **86** (2013) 49–56.

**Growth Season Photochemical Pollution over the UK Based on 1990–2006 Ozone Data**

Brunislav Matasović,\* Leo Klasinc, and Tomislav Cvitaš

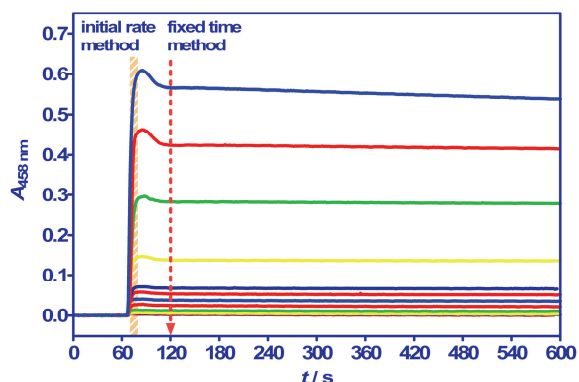


*Croat. Chem. Acta* **86** (2013) 57–64.

### Kinetic Spectrophotometric Determination of *N*-acetyl-L-cysteine Based on the Reduction of Copper(II)-neocuproine Reagent

Njegomir Radić, Lea Kukoc-Modun,\* and Maja Biocic

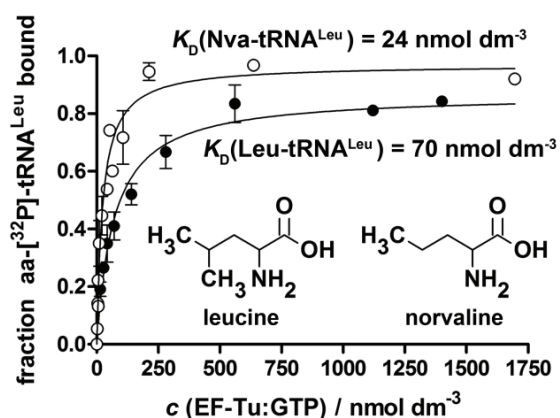
*Croat. Chem. Acta* **86** (2013) 65–71.



### Lack of Discrimination Against Non-proteinogenic Amino Acid Norvaline by Elongation Factor Tu from *Escherichia coli*

Nevena Cvetešić, Irena Akmačić, and Ita Gruić-Sovulj\*

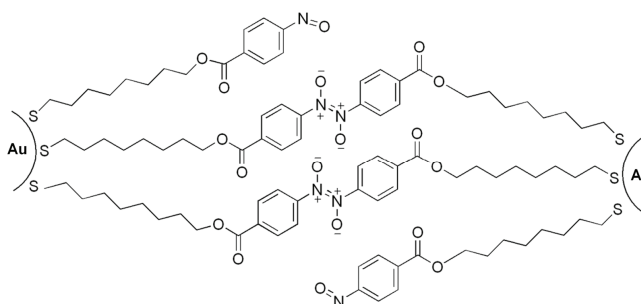
*Croat. Chem. Acta* **86** (2013) 73–82.



### Nitrosoarene Dimerization on Two- and Three-dimensional Gold Surfaces

Ivana Biljan,\* Tina Medančić, Marko Kralj, Tea Mišić Radić, Vesna Svetličić, and Hrvoj Vančik\*

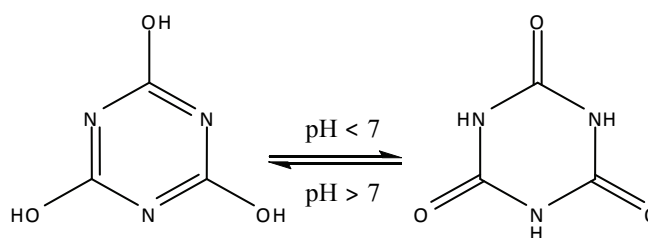
*Croat. Chem. Acta* **86** (2013) 83–94.



### Applicability of Liquid Chromatography with Time-of-Flight Mass Spectrometric Detection for Determination of Cyanuric Acid in Soil

Sanja Stipičević, Gordana Mendaš, Marko Vuletić, Sanja Fingler, and Vlasta Drevenkar\*

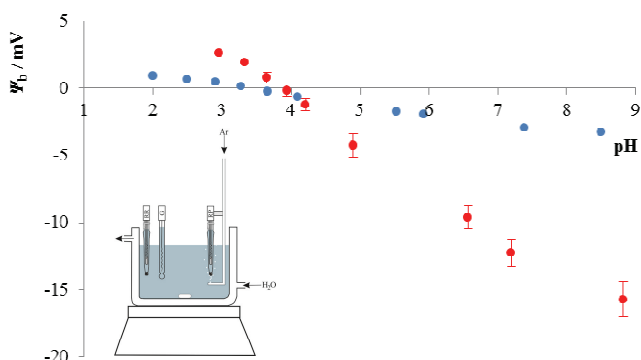
*Croat. Chem. Acta* **86** (2013) 95–102.



### Effect of Bubbling on the Potential of Reference Electrode

Nikola Kallay, Matija Lovrak, Tajana Preočanin,\* and Filip Šupljika

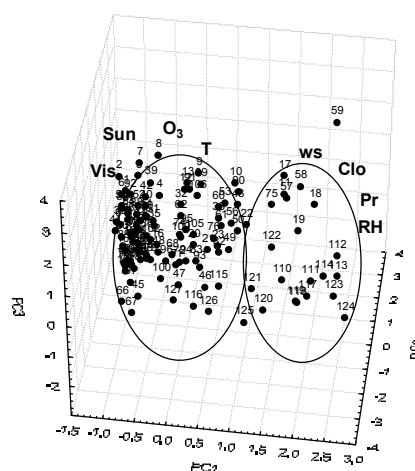
*Croat. Chem. Acta* **86** (2013) 103–107.



### Assessment of Variations of O<sub>3</sub> Concentrations in Kopački Rit Nature Park, Eastern Croatia

Elvira Kovač-Andrić, Vlatka Gvozdić,\* and Hasan Muharemović

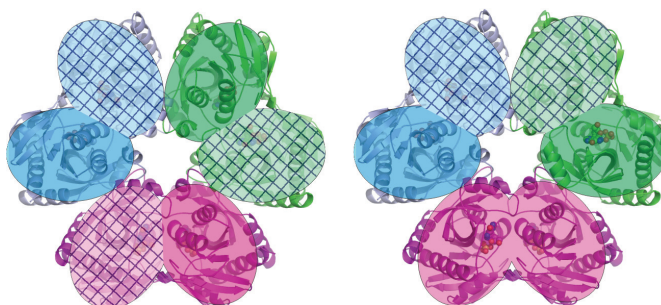
*Croat. Chem. Acta* **86** (2013) 109–115.



## REVIEW

### Still a Long Way to Fully Understanding the Molecular Mechanism of *Escherichia coli* Purine Nucleoside Phosphorylase

Zoran Štefanić, Goran Mikleušević, Marta Narczyk, Beata Wielgus-Kutrowska, Agnieszka Bzowska, and Marija Luić\*



*Croat. Chem. Acta* **86** (2013) 117–127.

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**APPENDICES**

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**Book review**

MLADEN MINTAS

**Medicinska kemija protutumorskih lijekova**

CIX–CX

Nenad Trinajstić

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**Conclusion**

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CXI