INTRODUCTION – Proceedings of the 31st MCC Conference

Memories of the moments spent with Edward Cameron Kirby (1934 – 2019)

Sanja Tomić

Croat. Chem. Acta 2019, 92(4), 443–444
DOI: 10.5562/cca3611

SCIENTIFIC ARTICLES – Proceedings of the 31st MCC Conference

Some Observations on Triplet Ground-States in the Context of ‘Topological’ (HLPM) Ring-Currents in Conjugated Systems

Timothy K. Dickens, Roger B. Mallion

Croat. Chem. Acta 2019, 92(4), 445–455
DOI: 10.5562/cca3538

Convexity Deficit of Benzenoids

Nino Bašić, Sarah J. Berkemer, Jörg Fallmann, Patrick W. Fowler, Thomas Gatter, Tomaž Pisanski, Nancy Retzlaff, Peter F. Stadler, Sara Sabrina Zemljič

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DOI: 10.5562/cca3602
Is Phenalenyl Aromatic?

Jerry Ray Dias

*Croat. Chem. Acta* 2019, 92(4), 467–471
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Two Stability Criteria for Benzenoid Hydrocarbons and Their Relation

Ivan Gutman, Izudin Redžepović, Boris Furtula

*Croat. Chem. Acta* 2019, 92(4), 473–475
DOI: 10.5562/cca3593

**PRELIMINARY COMMUNICATION**

**SCIENTIFIC ARTICLES** – regular section

Surface Enhanced Raman Spectroscopy for Molecular Identification- a Review on Surface Plasmon Resonance (SPR) and Localised Surface Plasmon Resonance (LSPR) in Optical Nanobiosensing

Leda G. Bousiakou, Hrvoje Gebavi, Lara Mikac, Stefanos Karapetis, Mile Ivanda

*Croat. Chem. Acta* 2019, 92(4), 479–494
DOI: 10.5562/cca3558

**OBITUARY**

In Memoriam: Edward Cameron Kirby (1934 – 2019)

Roger Mallion

*Croat. Chem. Acta* 2019, 92(4), 477–478
DOI: 10.5562/cca3610

**OTHER PAPERS** – Proceedings of the 31st MCC Conference

**GRAPHICAL ABSTRACTS**
Diffusional Electrochemical Catalytic (EC’) Mechanism Featuring Chemical Reversibility of Regenerative Reaction-Theoretical Analysis in Cyclic Voltammetry

Sofija Petkovska, Rubin Gulaboski

*Croat. Chem. Acta* 2019, 92(4), 495–502
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Interactions of Indomethacin with Functionalized Rhombellanes – a Molecular Docking Study

Raluca Pop, Dušanka Janežič

*Croat. Chem. Acta* 2019, 92(4), 503–509
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Screening of Natural Deep Eutectic Solvents for Green Synthesis of 2-methyl-3-substituted Quinazolinones and Microwave-Assisted Synthesis of 3-aryl Quinazolinones in Ethanol

Mario Komar, Maja Molnar, Anastazija Konjarević

*Croat. Chem. Acta* 2019, 92(4), 511–517
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Theoretical, Spectroscopic and Crystal Structure Investigation of a Novel Selenomolybdate \((\text{NH}_4)_4[\text{Se}_2\text{Mo}_5\text{O}_{21}]:3\text{H}_2\text{O}\)

Jihen Ajmi, Ichraf Nagazi, Takoua Ben Issa, Ali Harchani, Amor Haddad

*Croat. Chem. Acta* 2019, 92(4), 519–529
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