

Comment

THE ANNUAL SYMPOSIUM OF SCIENTIFIC COMMUNICATIONS “STABILITY AND REACTIVITY IN COORDINATION CHEMISTRY – IN MEMORIAM MIHAIL BÎRZESCU”

The SRCC symposium is an annual scientific event organized by “Chemeia Semper” Association to honor the memory of Prof.Dr. Mihail Bîrzescu. The first three editions were held in Timișoara and welcomed researchers from Bucharest, Timișoara and Arad.

1. The first symposium “Stability and Reactivity in Coordination Chemistry – in memoriam Mihail Bîrzescu” Timișoara, October 25, 2013

ADRIAN CHIRIAC (CHAIRMAN)

West University of Timișoara

Tradition and innovation in the chemistry of Timișoara

MARIUS ANDRUH

President of the Section of Chemistry Sciences of Romanian Academy

The interplay of non-covalent interactions in designing molecular crystals

MIRCEA MRACEC

West University of Timișoara

The electronegativity today

PETRU BUDRUGEAC

ICPE-CA, Bucharest

Applications of the thermal analysis in the study of the coordination compounds and the materials

V.Z. SASCA, ORSINA VERDES, MARINELA FURCA, A. POPA

Institute of Chemistry Timișoara of Romanian Academy, Timișoara

Determinarea parametrilor cinetici ai descompunerii termice și a duratei de viață a unor catalizatori din clasa heteropolicompușilor cu structura Keggin prin metode termogravimetrice standardizate

MIHAI-COSMIN PASCARIU¹, CARMEN-MANUELA MITAR¹, IOANA-RAMONA CIOPĂNOIU¹, ALEXANDRA GRUIA², EUGEN NICOLAE VINTILĂ ȘIȘU³

¹“Vasile Goldiș” Western University of Arad, Faculty of Medicine, Pharmacy and Dental Medicine, Arad; ²Clinical County Hospital of Timișoara, Immunology of Transplant Department, Timișoara; ³“Victor Babeș” University of Medicine and Pharmacy of Timișoara, Faculty of Medicine, Timișoara

Anchimeric assistance in EI-MS carbocations - a computational investigation

MIHAIL BÎRZESCU¹, MIRCEA NICULESCU²

¹University Politehnica Timișoara, Faculty of Industrial Chemistry and Environmental Engineering, Timișoara; ²“Chemeia Semper” Cultural Foundation, Timișoara

Compuși coordinativi obținuți prin reacția de oxidare a diolilor cu azotați metalici

MIRCEA ȘTEFĂNESCU, MIHAIL BÎRZESCU

University Politehnica Timișoara, Faculty of Industrial Chemistry and Environmental Engineering, Timișoara

Compuși coordinativi homopolinucleari cu liganzi organici de tip carboxilat

DANIEL BARBUL¹, ZENO SIMON¹, JIVA BARBUL²

¹“Victor Babeș” University of Medicine and Pharmacy of Timișoara; ²Colegiul Național Bănățean, Timișoara

Autoimunitate și toleranță imunologică

UDREA ADRIAN

“Miracolul Plantelor” Pharmacy, Timișoara

Siliciul organic

MIHAIL BÎRZESCU¹, MARIUS JURCA¹, MARIUS MILEA¹, MIRCEA NICULESCU²

¹University Politehnica Timișoara, Faculty of Industrial Chemistry and Environmental Engineering, Timișoara; ²“Chemeia Semper” Cultural Foundation, Timișoara

New methods to obtain carboxylic acids by oxidation reactions of 1,2-ethanediol with metallic nitrates

MIRCEA NICULESCU

“Chemeia Semper” Cultural Foundation, Timișoara

About stability and reactivity to the coordination compounds obtained by the reaction Bîrzescu

2. The second symposium “Stability and Reactivity in Coordination Chemistry – in memoriam Mihail Bîrzescu” Timișoara, November 7, 2014

ADRIAN CHIRIAC (CHAIRMAN)

West University of Timișoara

Theoretical and computational chemistry in Timișoara

ILONA BÎRZESCU

West University of Timișoara

A PhD as a life

PETRU BUDRUGEAC

ICPE-CA, Bucharest

Thermal analysis. Concepts and applications

V.Z. SASCA, A. POPA, ORSINA VERDES

Institute of Chemistry Timișoara of Romanian Academy, Timișoara

Quantitative measurement of Brønsted acidity from $H_3[PMO_{12}O_{40}]$ and its CsI salt, in bulk and supported on SBA15, by TPD of ammonia

MIHAI-COSMIN PASCARIU¹, MADIAN RAFAILĂ², ALEXANDRA GRUIA³, MIRCEA NICULESCU⁴, EUGEN ȘIȘU⁵

¹“Vasile Goldiș” Western University of Arad; ²University Politehnica Timișoara; ³Clinical County Hospital of Timișoara; ⁴“Chemeia Semper” Association, Timișoara; ⁵“Victor Babeș” University of Medicine and Pharmacy of Timișoara

Sugar carbocation rearrangements as predicted by computational chemistry

MIHAIL BÎRZESCU¹, MARIUS MILEA¹, DAN ROȘU^{1,2}, IONUȚ LEDEȚI³, MADIAN RAFAILĂ¹, VIOREL SASCA⁴, MIRCEA NICULESCU⁵

¹University Politehnica Timișoara; ²INCEMC Timisoara; ³“Victor Babeș” University of Medicine and Pharmacy; ⁴Institute of Chemistry Timișoara of Romanian Academy, Timișoara; ⁵“Chemeia Semper” Association, Timișoara

Synthesis - structure relationship in the aqueous ethylene glycol - M(III) nitrate system (Dedicated to Prof. Carol Csunderlik, in memoriam)

MIRCEA ȘTEFĂNESCU

University Politehnica Timișoara, Faculty of Industrial Chemistry and Environmental Engineering, Timișoara

Combinății complexe carboxilice ale metalelor tranziționale înglobate în geluri hibride de silice. Obținerea de nanocompozite

MIRCEA NICULESCU

“Chemeia Semper” Association, Timișoara

About the reaction Bîrzescu

3. The third symposium “Stability and Reactivity in Coordination Chemistry – in memoriam Mihail Bîrzescu” Timișoara, September 18, 2015

ADRIAN CHIRIAC (CHAIRMAN)

West University of Timișoara

45 years of scientific research performed by the Quantum Chemistry and QSAR Group from Timișoara

PETRU BUDRUGEAC

INCDIE ICPE-CA, Bucharest

Aplicarea analizei termice pentru determinarea mecanismului proceselor complexe. Aplicație: descompunerea termică a carbonatului de calciu (Applying thermal analysis for determination of the mechanism of complex processes. Application: thermal decomposition of calcium carbonate)

MIHAI-COSMIN PASCARIU^{1,2,3}, LORETA-ANDREA BOZIN¹, ALINA ȘERB¹,
NICOLAE DINCĂ⁴, MIRCEA NICULESCU^{3,5}, EUGEN ȘIȘU¹

¹“Victor Babeș” University of Medicine and Pharmacy of Timișoara, Faculty of Medicine, Timișoara; ²“Vasile Goldiș” Western University of Arad, Faculty of Medicine, Pharmacy and Dental Medicine, Arad; ³“Chemeia Semper” Association, Timișoara; ⁴“Aurel Vlaicu” University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection, Arad; ⁵University Politehnica Timișoara, Faculty of Industrial Chemistry and Environmental Engineering, Timișoara

Mass spectrometry fragmentation involving long bonds in some hexoses derivatives

MIRCEA ȘTEFĂNESCU

University Politehnica Timișoara, Faculty of Industrial Chemistry and Environmental Engineering, Timișoara

Spinel nanocomposites obtained from carboxylate precursors embedded in SiO₂ matrices

MIHAIL BÎRZESCU¹, VIOREL SASCA², DAN ROȘU^{1,3}, MARIUS-SILVIU MILEA¹,
MIHAI-COSMIN PASCARIU^{4,5}, MIRCEA NICULESCU^{1,5}

¹University Politehnica Timișoara, Faculty of Industrial Chemistry and Environmental Engineering, Timișoara; ²Institute of Chemistry Timișoara of Romanian Academy, Timișoara; ³INCEMC Timișoara; ⁴“Vasile Goldiș” Western University of Arad, Faculty of Medicine, Pharmacy and Dental Medicine, Arad; ⁵“Chemeia Semper” Association, Timișoara
Synthesis-structure relationship in the aqueous ethylene glycol – iron(III) nitrate – cobalt(II) nitrate system