

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

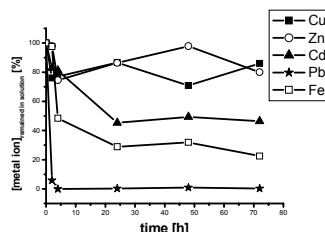
Tome 56, N° 9

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PAPERS

Anca PETER, Monica MARIAN,
Camelia NICULA, Leonard MIHALY-
COZMUTA, Anca MIHALY-COZMUTA and
Emil INDREA

The sorptive performance of microorganisms-zeolite systems to remove Cu^{2+} , Zn^{2+} , Cd^{2+} , Fe^{2+} and Pb^{2+}



Rev. Roum. Chim., 2011, 56(9), 847-852

Key words: metal ions, sorption kinetics modeling, microorganisms and microorganisms-zeolite systems.

Niculae I. IONESCU

Role of the non-reactive adsorbed species in the heterogeneous catalytic oscillatory reactions

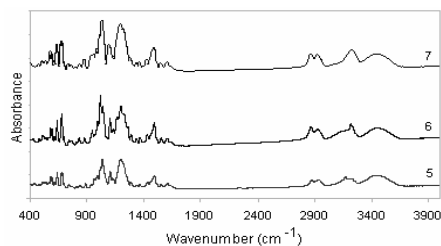
$$y^3 + py + q = 0$$

Rev. Roum. Chim., 2011, 56(9), 853-855

Key words: non-reactive adsorbed species, oscillations.

Mihaela VLASSA, George BORODI,
Alexandru BIRIȘ, Gabriela BLĂNIȚĂ,
Mircea VLASSA and Cristian SILVESTRU

Characterization by vibrational spectroscopy of coordination polymers obtained from Cu^{II} , Ni^{II} and Zn^{II} cyclam perchlorate and amaranth

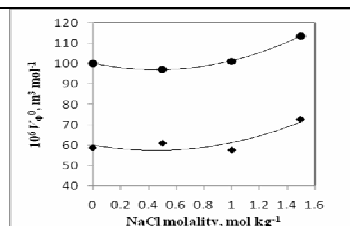


Rev. Roum. Chim., 2011, 56(9), 857-867

Key words: coordination polymer, cyclam, self-assembly, azo dye, IR and Raman spectrometry.

Amalia ȘTEFANIU, Olga IULIAN and
Oana CIOCIRLAN

Density, viscosity and refractive index of L-alanine and L-histidine in aqueous NaCl solutions at 298.15 K

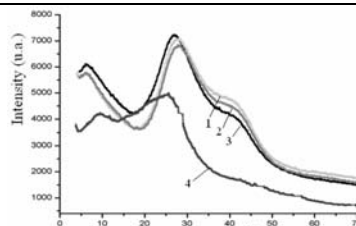


Rev. Roum. Chim., 2011, 56(9), 869-874

Key words: amino acid, apparent molar volume, viscosity.

Teodor SANDU, Andrei SÂRBU,
Floriana CONSTANTIN, Emilia OCNARU,
Silviu VULPE, Anca DUMITRU and
Horia IOVU

Polyphenol oxidase immobilization on functionalized polypyrrole

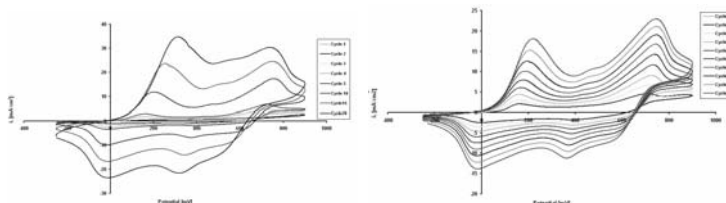
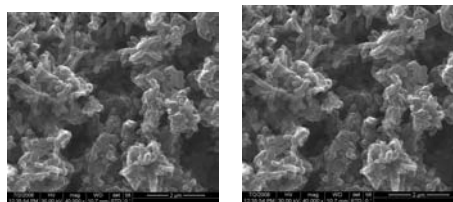


Rev. Roum. Chim., 2011, 56(9), 875-882

Key words: polypyrrole, polyphenol oxidase, covalent immobilization.

Viorel BRÂNZOI, Ancuta MUSINĂ, and Florina BRÂNZOI

Amperometric urea biosensor based platinum electrode modified with a composite film

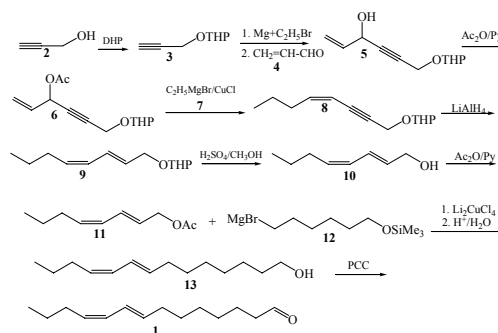


Key words: amperometric biosensor, polyaniline, composite films, modified electrode, Cyclic voltammetry, and Scanning electron microscopy (SEM).

Rev. Roum. Chim., 2011, 56(9), 883-893

Lucia GÂNSCĂ, Sanda MAXIM, Irina CIOTLĂUȘ, Adriana ANDREICA and Ioan OPREAN

Exo- and endohormones. XXV.
Synthesis of an isomeric mixture of (8E,10Z)-8,10-tetradecadien-1-ol, sexual attractant for horse chestnut leafminer *Cameraria ohridella* (lepidoptera, gacillariidae)

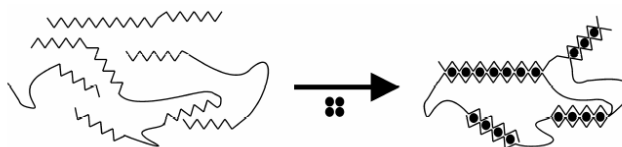


Key words: (8E,10Z)-8,10-tetradecadien-1-ol, Grignard-Schlosser cross-coupling reaction, sex pheromone, *Cameraria ohridella* species.

Rev. Roum. Chim., 2011, 56(9), 895-899

Oana CARP, Diana VISINESCU, Greta PATRINOIU and Alina TIRSOAGA

Green synthetic strategies of oxide materials: polysaccharides-assisted synthesis. Part IV. Alginate-assisted synthesis of nanosized metal-oxides

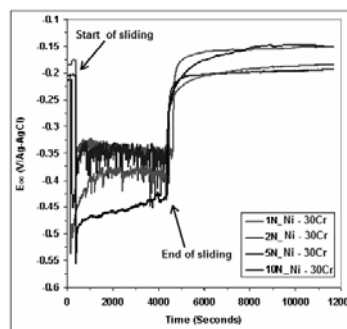


Rev. Roum. Chim., 2011, 56(9), 901-906

Key words: alginate, polysaccharides, metal oxide, green synthesis.

Claudiu IONESCU, Marioara ABRUDEANU, Pierre PONTIAUX, François WENGER and Vasile RIZEA

Effect of normal force on tribocorrosion behaviour of Ni – 30Cr model alloy in LiOH – H₃BO₃ solution

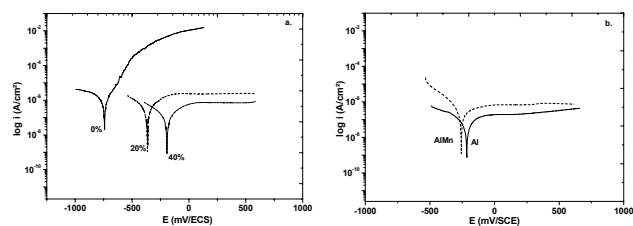


Key words: tribocorrosion, wear, Ni – 30Cr model alloy.

Rev. Roum. Chim., 2011, 56(9), 907-915

Florina CONSTANTIN, Jean-Pierre MILLET,
Marioara ABRUDEANU and
Gabriela-Adriana PLĂIAȘU

Influence of a cooling liquid
on the corrosion behaviour of AlMn alloy



Key words: aluminium-manganese alloy, corrosion inhibitor, tolyltriazole, intermetallic particles.

Rev. Roum. Chim., 2011, 56(9), 917-921

