

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

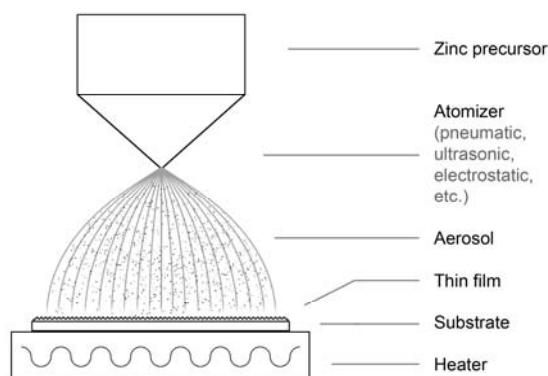
Tome 58, N^{os} 11-12

Novembre-Décembre 2013

REVIEWS

Irina STAMBOLOVA, Vladimir BLASKOV
and Ognian DIMITROV

Influence of different process parameters
upon microstructure of ZnO films prepared
by spray pyrolysis

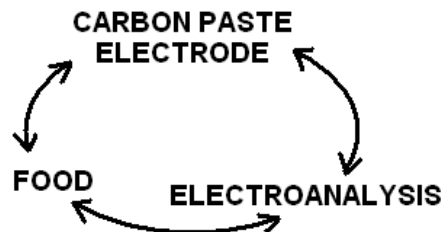


Rev. Roum. Chim., 2013, 58(11-12), 843-853

Key words: ZnO, thin films, spray pyrolysis, morphology, oriented growth.

Zsigmond PAPP

Recent results in food analysis with carbon paste electrodes: Organic constituents, additives and contaminants



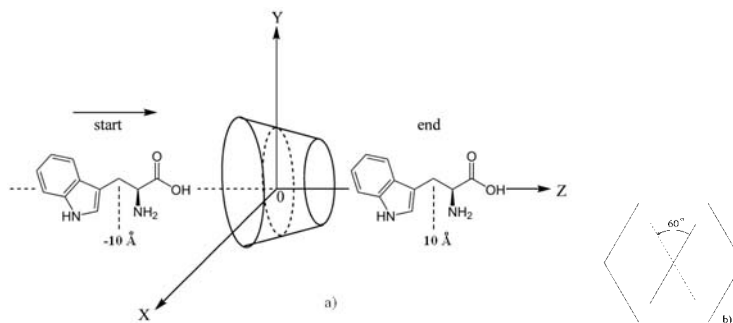
Rev. Roum. Chim., 2013, 58(11-12), 855-862

Key words: food analysis, organic compounds, carbon paste electrodes, modified electrodes, biosensors.

PAPERS

Andreea D. NEACȘU, Ana NEACȘU,
Iulia CONTINEANU, Gabriel MUNTEANU
and Speranța TĂNĂSESCU

Solid state study of the inclusion compounds
of α -, β - cyclodextrin with
D-,L-tryptophan isomers

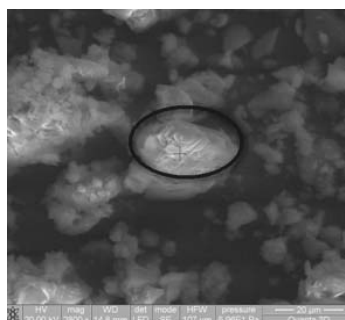


Rev. Roum. Chim., 2013, 58(11-12), 863-870

Key words: cyclodextrin, tryptophan, complex, bonds, energy.

Ioana Raluca PREPELITA,
Narcisa VRINCEANU, Roxana CHIRITA,
Romeo Petru DOBRIN,
Ovidiu Eugen ALEXINSCHI,
Florin BRINZA, Bogdan Alexandru HAGIU
and Mirela Petruta SUCHEA

New approach on the role of a polymer matrix
 in the strong texturation of ZnO nanopowders

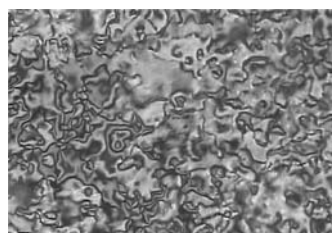


Key words: ZnO, nanoparticles, monochlorotriazinyl- β -cyclodextrin, sol-gel method, lamellar structure.

Rev. Roum. Chim., 2013, 58(11-12), 871-878

Liliana CSEH and Georg MEHL

Structure-properties relationships
 in liquid crystal thiols

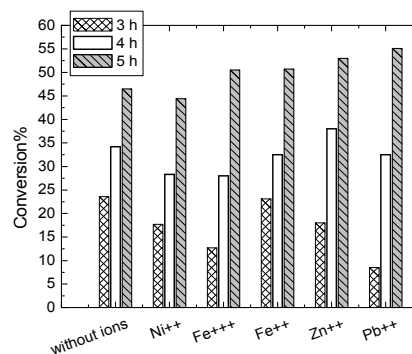


Key words: liquid crystals, thiols, nematic phase, smectic phases.

Rev. Roum. Chim., 2013, 58(11-12), 879-885

Hayat TABEIKH, M. Hassan Al KURDI and
Zaki AJJI

Effect of metal ions on the chemical recycling
 of poly(ethylene terephthalate) in sulfuric acid

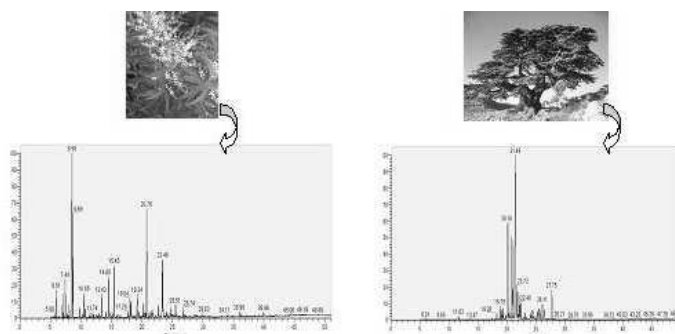


Key words: recycling, poly(ethylene terephthalate), sulfuric acid, hydrolysis, metal ions.

Rev. Roum. Chim., 2013, 58(11-12), 887-890

Gabriela PAUN, Saadia ZRIRA,
Amale BOUTAKIOUT, Oana UNGUREANU,
Demetra SIMION, Ciprian CHELARU and
Gabriel Lucian RADU

Chemical composition, antioxidant and
 antibacterial activity of essential oils from
 Moroccan aromatic herbs

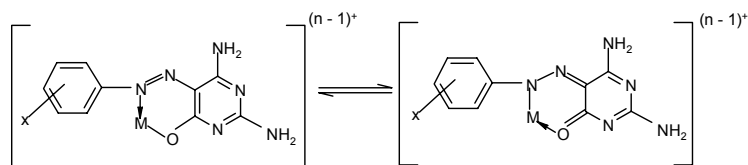


Key words: *Lippia citriodora*, *Cedrus atlantica*, antioxidant activity, antibacterial activity.

Rev. Roum. Chim., 2013, 58(11-12), 891-897

**Nadia Ahmed ABDALLA,
Mohamed Tawfek EL-HATY,
Farok Abd-Elkarim ADAM and
Fatma Wafdy HASSAN**

Complex of Cu(II), Co(II), Ni(II), Zn(II), Zr(IV),
Ce(III), La(III) and UO₂(II) with arylazo
pyrimidine derivatives



Rev. Roum. Chim., **2013**, 58(11-12), 899-913

Key words: coordination, aryl azo pyrimidine, transition rare, metals, spectra.

In memoriam Acad. Eugen SEGAL

Rev. Roum. Chim., **2013**, 58(11-12), 915-916

In memoriam Dr. Dumitru MARCHIDAN

Rev. Roum. Chim., **2013**, 58(11-12), 917-918

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