

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

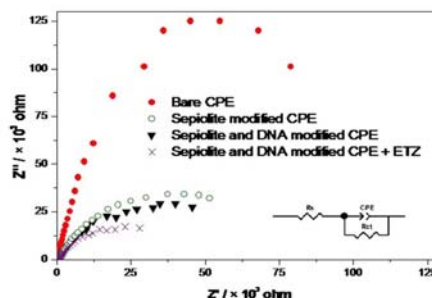
Tome 60, N° 4

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PAPERS

Dilek ESKİKÖY BAYRAKTEPE,
Turan YANARDAĞ, Zehra YAZAN and
Abbas AKSÜT

Voltammetric determination of etoposide by using *Sepiolite* clay modified electrode and its interaction with DNA

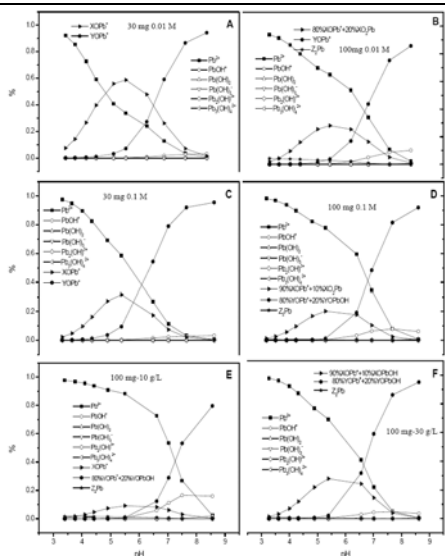


Rev. Roum. Chim., 2015, 60(4), 287-295

Key words: etoposide, sepiolite, clay modified carbon paste electrode, stripping voltammetry, DNA, impedance.

Xue-Tao ZHAO, Cong-Yang ZOU, Xue-Yan LI
and Hong-Wen GAO

Modeling and mechanism of the adsorption of lead ion onto natural bamboo sawdust using surface complexation model

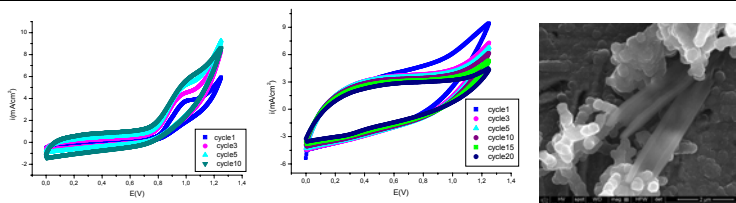


Rev. Roum. Chim., 2015, 60(4), 297-305

Key words: sawdust, adsorption, Pb, surface complexation model, pH edge curves.

Florina BRANZOI and Viorel BRANZOI

Electropolymerization and characterization of nanocomposite films of conducting polymers and functionalized carbon nanotubes

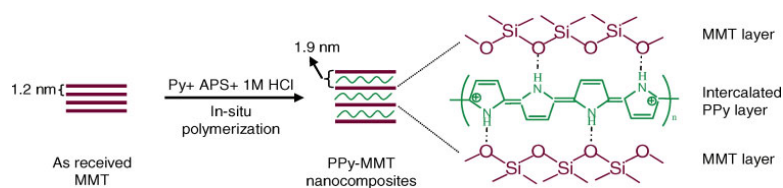


Rev. Roum. Chim., 2015, 60(4), 307-319

Key words: nanocomposite films, functionalized carbon nanotubes, SEM, capacitance, real impedance.

**Amina BEN BOUABDALLAH and
Nacer-Eddine DJELALI**

Adsorption of zinc and cadmium from aqueous solutions using bentonite/polypyrrole composite

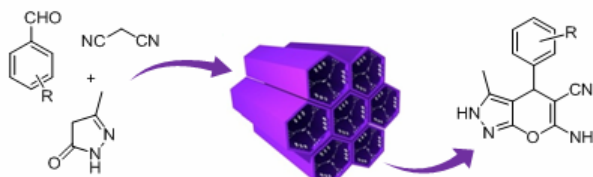


Rev. Roum. Chim., 2015, 60(4), 321-330

Key words: composites, polypyrrole, adsorption, bentonite, wastewater.

**Ghods MOHAMMADI ZIARANI,
Fatemeh NOURI, Mahshid RAHIMIFARD,
Alireza BADIEI and
Ali ABOLHASSANI SOORKI**

One-pot synthesis of pyrano[2,3-*c*]pyrazoles using SBA-15-Pr-NH₂ and their antimicrobial activities

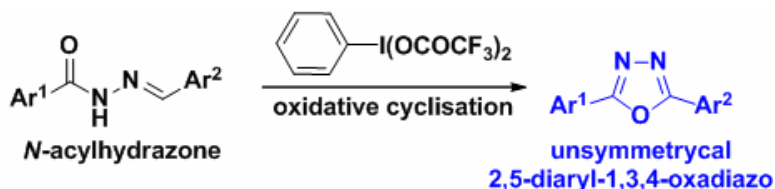


Rev. Roum. Chim., 2015, 60(4), 331-337

Key words: SBA-Pr-NH₂, one-pot, mesoporous base catalyst, green synthesis, antimicrobial activity.

**Codruta C. PARASCHIVESCU,
Anca G. COMAN, Cătălin C. ANGHEL and
Mihaela MATACHE**

Synthesis of new 1,3,4-oxadiazoles by oxidative cyclisation with bis(trifluoroacetoxy)iodobenzene

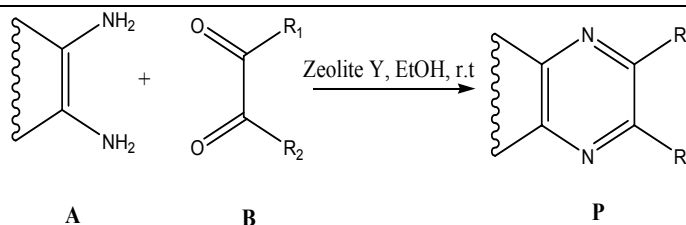


Key words: 2,5-disubstituted-1,3,4-oxadiazoles, *N*-acylhydrazone, bis(trifluoroacetoxy)iodobenzene, heterocycles, oxidative cyclisation.

Rev. Roum. Chim., 2015, 60(4), 339-343

**Mohammad Ali BODAGHIFARD,
Akbar MOBINKHALEDI, Mojgan
ZENDEHDEL and Zeinab AYALVAR**

An efficient synthesis of quinoxaline derivatives using Zeolite Y as a catalyst

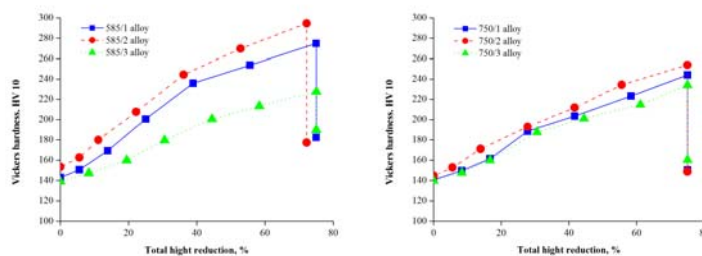


Rev. Roum. Chim., 2015, 60(4), 345-348

Key words: synthesis, quinoxaline, Zeolite Y, heterogeneous catalysis.

**Mladen MIRIĆ, Dragan M. DJORDJEVIĆ and
Miloš G. DJORDJEVIĆ**

Thermodynamic properties of environmental gold solders for use in goldsmithing

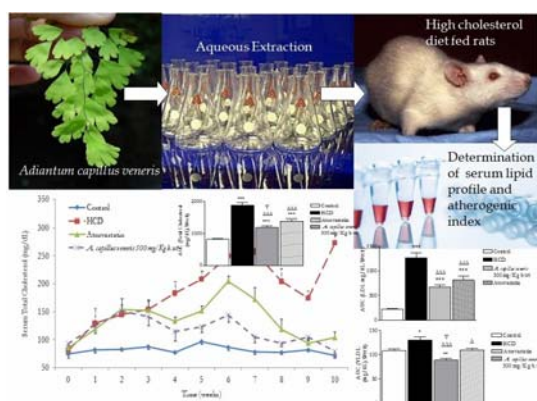


Rev. Roum. Chim., 2015, 60(4), 349-355

Key words: gold, indium, cadmium, hardness, elasticity.

Entisar K. AL-HALLAQ, Simona C. LITESCU, Violet KASABRI, Khalid K. ABDUL-RAZZAK, Ismail M. ABAZA and Fatma U. AFIFI

Hypocholesterolemic effects of *Adiantum capillus veneris* L. aqueous extract in high cholesterol diet-fed rats and HPLC-MS determination of its polyphenolics

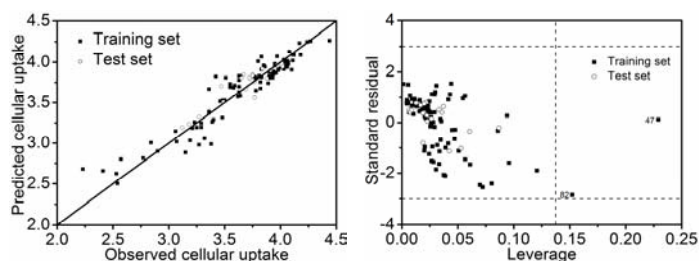


Key words: *Adiantum capillus veneris*, HPLC-MS, antioxidant, high cholesterol diet, HDL, LDL, VLDL, atherogenic index, Jordan.

Rev. Roum. Chim., 2015, 60(4), 357-365

Wen DAI, Xue-Ying SHAN, Guang-Yu HE and Hai-Qun CHEN

Prediction for cellular uptake of manufactured nanoparticles to pancreatic cancer cells

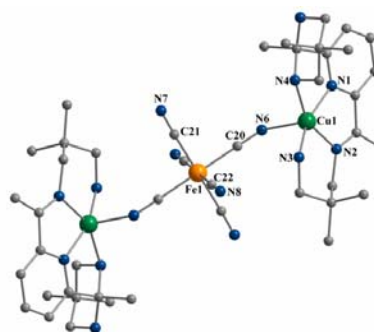


Key words: QSAR, metal oxide nanoparticles, biotoxicity, genetic algorithm, multiple linear regression.

Rev. Roum. Chim., 2015, 60(4), 367-370

Andreea DOGARU, Pierre DECHAMBENOIT, Sergiu SHOVA and Marius ANDRUH

Synthesis and crystal structures of three new cyanido-bridged heterometallic complexes



Key words: trinuclear complexes, cyano-bridged complexes, X-ray studies, heterometallic complexes.

Rev. Roum. Chim., 2015, 60(4), 371-376

