

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

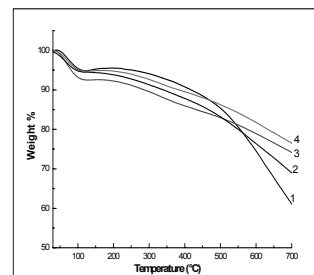
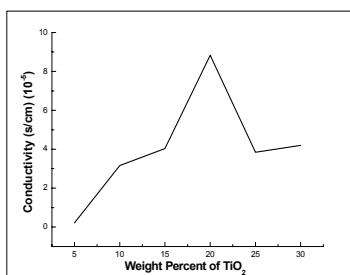
Tome 59, N° 5

Mai 2014

PAPERS

Zohra GHEBACHE, Nacer-Eddine DJELALI
and Safidine ZITOUNI

Elaboration and characterization of conducting
nanocomposite inorganic/ organic

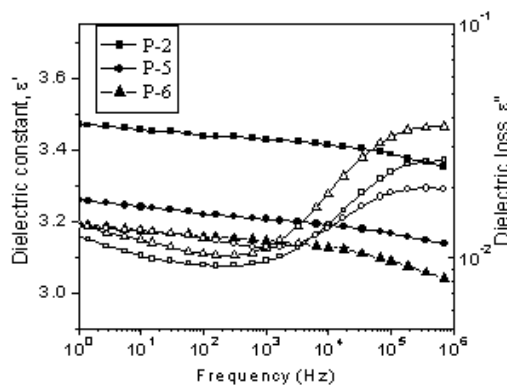


Rev. Roum. Chim., 2014, 59(5), 285-289

Key words: PANI/Zeolite, TiO₂, nanocomposite, conducting polymers,
characterization.

Mitica SAVA

Thermal, mechanical and dielectric properties
of some polyaspartimides

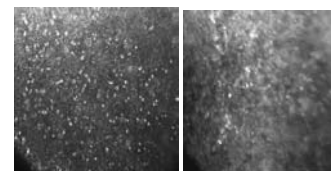
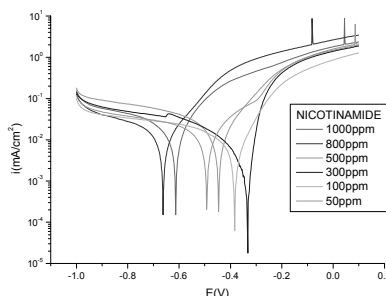


Rev. Roum. Chim., 2014, 59(5), 291-298

Key words: bismaleimide compounds, mechanical and dielectric properties.

Florina BRANZOI and Viorel BRANZOI

Adsorption and inhibitive corrosion properties
of nicotinamide on carbon steel in cooling
water systems

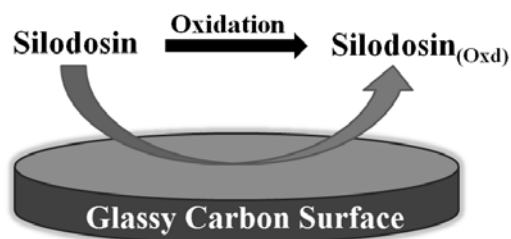


Rev. Roum. Chim., 2014, 59(5), 299-310

Key words: organic inhibitor, carbon steel, cooling water, potentiodynamic
polarization, electrochemical impedance spectroscopy and FT-IR.

Berk TOKER, Engin ER and Nevin ERK

Development of voltammetric techniques for the determination of silodosin in pharmaceutical formulation at glassy carbon electrode



Key words: silodosin, voltammetry, glassy carbon electrode, first derivate spectrophotometry.

Rev. Roum. Chim., 2014, 59(5), 311-316

Govind Kumar GUPTA, Ajay SINGH and S.P.S. JADON

Microbiological and spectrometric studies of dichloro Ni(II) tetra seleniazide complex

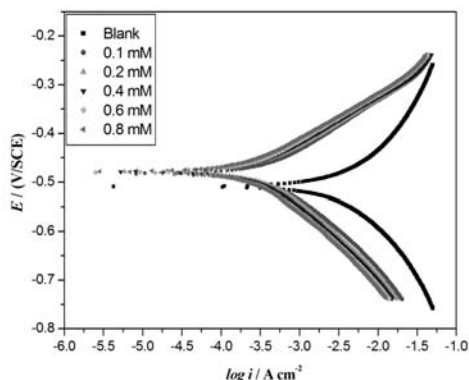


Key words: $\text{Se}_4\text{N}_3\text{Br}$, hexagonal packing, geometry, magnetic susceptibility.

Rev. Roum. Chim., 2014, 59(5), 317-321

Preethi Kumari P., Prakash Shetty, Suma A Rao and Dhanya Sunil

Corrosion inhibition and adsorption behaviour of (2E)-2-(3-hydroxy-2-methoxybenzilidene) hydrazinecarbothiamide on mild steel in 1 M HCl

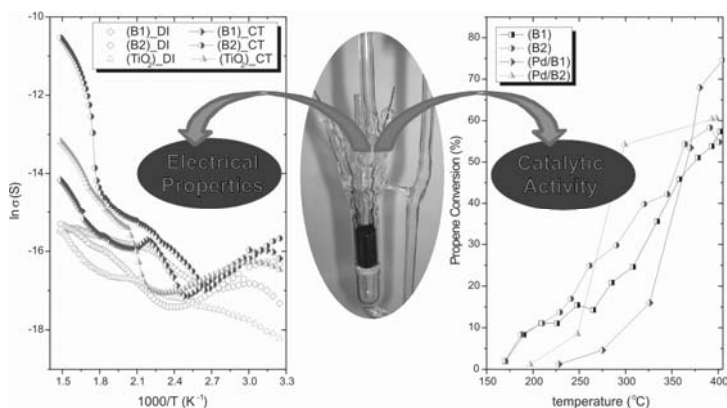


Rev. Roum. Chim., 2014, 59(5), 323-333

Key words: mild steel, mixed inhibitor, EIS, SEM, Langmuir's adsorption.

Veronica BRĂȚAN, Cornel MUNTEANU, Paul CHESLER, Daniela NEGOESCU and Nicolae I. IONESCU

Electrical characterization and the catalytic properties of $\text{SnO}_2/\text{TiO}_2$ catalysts and their Pd-supported equivalents

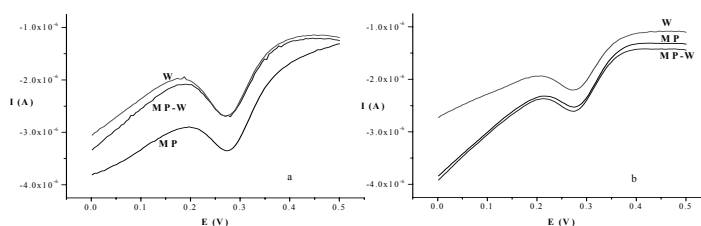


Key words: electrical conductivity, $\text{SnO}_2/\text{TiO}_2$, Pd/ $\text{SnO}_2/\text{TiO}_2$, propene oxidation.

Rev. Roum. Chim., 2014, 59(5), 335-341

Daniela BALA, Petronia DASU and Constantin MIHAILCIUC

Hydrophilic/ lipophylic balance influence on middle phase microemulsion electrochemistry

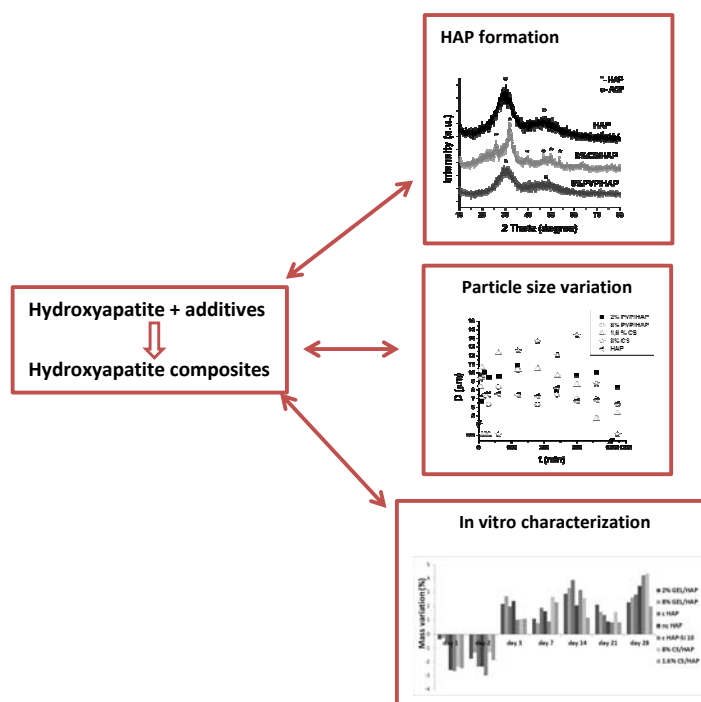


Key words: middle phase microemulsion, cyclic voltammetry, differential pulse voltammetry, pentacyano(L)ferrate(III) complexes, hydrophilicity - lipophilicity balance.

Rev. Roum. Chim., 2014, 59(5), 343-352

Melinda CZIKÓ, Erzsébet Sára BOGYA, Mircea Vasile DIUDEA and Réka BARABÁS

Research on hydroxyapatite based composite materials

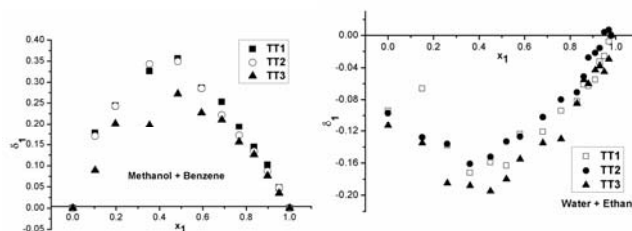


Rev. Roum. Chim., 2014, 59(5), 353-357

Key words: hydroxyapatite, composites, silicon, biopolymers.

Nicoleta PUICA MELNICIUC, Valentina CLOSCA, Cristina-Delia NECHIFOR and Dana Ortansa DOROHOI

Anisotropy of ternary solutions containing 1,2,4-triazoli-1-um phenacylids, studied by spectral means



Rev. Roum. Chim., 2014, 59(5), 359-364

Key words: ternary solution; triazolium ylids; solvation shell; excess function.

