

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

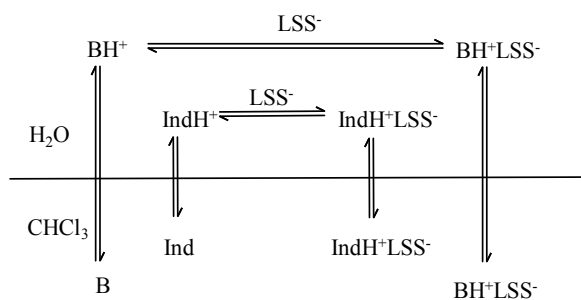
Tome 62, N° 11

Novembre 2017

PAPERS

**Ioana Clementina CONSTANTINESCU and
Alexandra Filareta NEAGU**

Assay of clemastine fumarate and propranolol hydrochloride by new methods based on ion pairs formation



Rev. Roum. Chim., 2017, 62(11), 803-807

Key words: clemastine fumarate, propranolol hydrochloride, titrimetry, ion pairs, pharmaceuticals.

**BILJANA S. MALUCKOV,
MILE DIMITRIJEVIĆ,
RENATA KOVAČEVIĆ and
SRBA MLADENOVIĆ**

The electrochemical behaviour of chalcopyrite in sulfuric acid in the presence of cysteine

High scan rate $\xrightarrow{\text{rapid reaction}}$ Cu(I)-Cys complex
is formed which reduces
dissolution of Cu

Low scan rate $\xrightarrow{\text{rapid reaction}}$ Cu(I)-Cys complex
is formed which reduces
dissolution of Cu

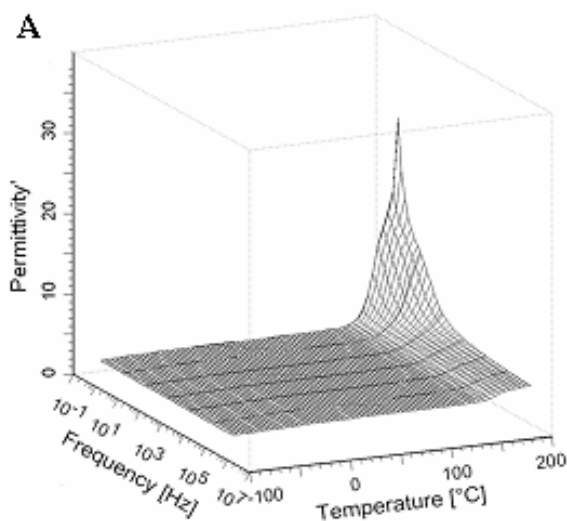
$\xrightarrow{\text{slow reaction}}$ Cu(I)-Cys complex
is dissolved and
concentration of Cu
in solution is
increased

Rev. Roum. Chim., 2017, 62(11), 809-814

Key words: electrochemistry, chalcopyrite, cysteine.

**Mitica SAVA, Iuliana STOICA,
Marioara NECHIFOR and
Valentina Elena MUSTEATA**

New bismaleimide-based polyaspartimides:
thermal, dielectric and morphological properties

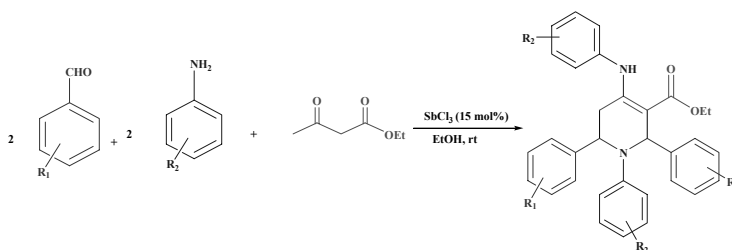


Key words: bismaleimides, dielectric properties, morphology, polyaspartimides, thermal properties.

Rev. Roum. Chim., 2017, 62(11), 815-824

**Seddigheh MOHAMMADI,
Dadkhoda GHAZANFARI and
Zahed KARIMI-JABERI**

Antimony trichloride as a mild and accessible catalyst for the one-pot synthesis of tetrahydropyridines at room temperature

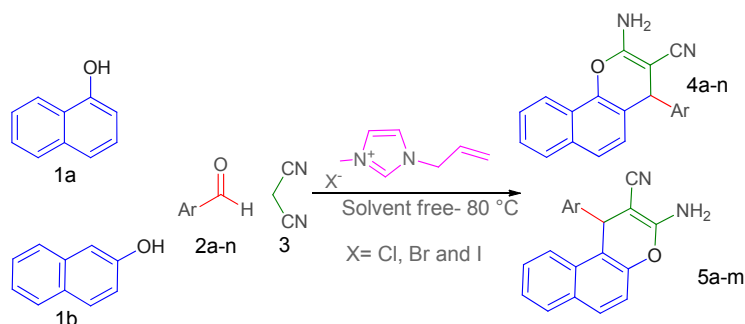


Key words: antimony trichloride, tetrahydropyridines, one-pot synthesis, multicomponent reaction.

Rev. Roum. Chim., 2017, 62(11), 825-829

**Vahid AZIZKHANI,
Mohammad Reza AMIRLOO,
Bagher MOHAMMADI and Ali Reza MORADI**

One-pot catalytic multicomponent synthesis of chromene derivatives by 1-allyl-3-methylimidazolium halides

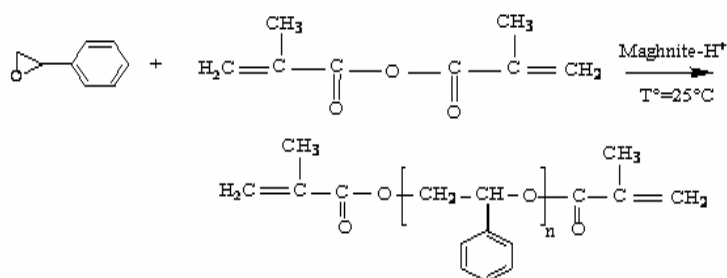


Key words: chromene, multicomponent reactions (MCRs), 1-allyl-3-methylimidazolium halides, solvent-free conditions.

Rev. Roum. Chim., 2017, 62(11), 831-837

**Mimouna BENTAHAR, Rachid MEGHABAR,
Kaddour GUEMRA and
Mohammed BELBACHIR**

A green catalyst for synthesis of *bis*-macromonomers of poly(styrene oxide)

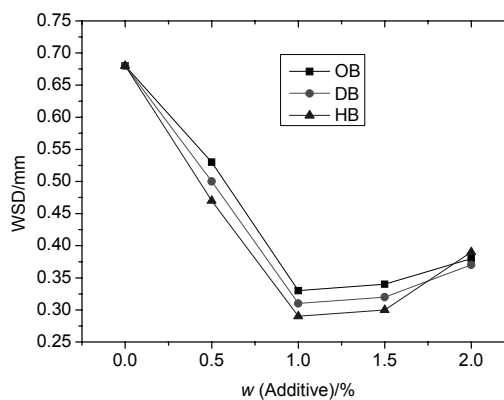


Key words: maghnite-H⁺, poly (styrene oxide), cationic polymerization, macromonomers, green chemistry.

Rev. Roum. Chim., 2017, 62(11), 839-848

Yanli LIU, Jiyong DENG and Xinliang YU

Quantitative structure-property relationships of antiwear performance of lubricant additives



Key words: antiwear properties; lubricant additive; multiple linear regression; structure-property relationship.

Rev. Roum. Chim., 2017, 62(11), 849-855

Malektaj KHAZAEI and Ali PARSA

Electro-synthesis and luminescence properties of Zn₂SiO₄:Mn nano-particles

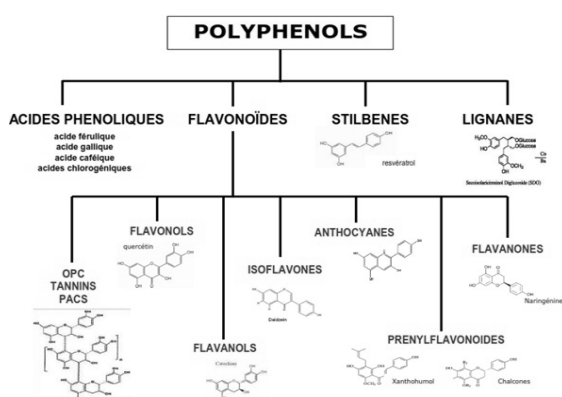


Rev. Roum. Chim., 2017, 62(11), 857-863

Key words: luminescence, electrosynthesis, manganese nitrate, zinc silicate.

Mounir ZIATI, Fariza KHEMMARI, Ouiza CHERIFI and Fadila-Yasmina DIDOUCHE

Removal of polyphenols from olive mill wastewater by adsorption on activated carbon prepared from peach stones

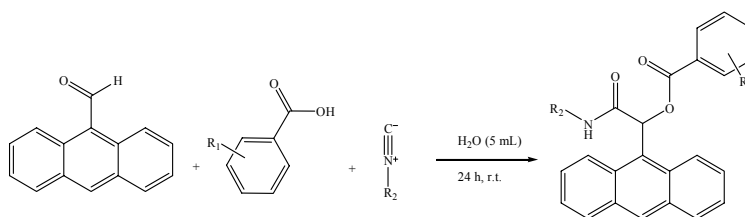


Rev. Roum. Chim., 2017, 62(11), 865-874

Key words: activated carbon, adsorption, olive mill wastewater, peach stones, polyphenols.

Vahid AZIZKHANI, Ali RAMAZANI, Pegah AZIMZADEH ASIABI, Masoome SHEIKHI, Ali JAFARI and Sang Woo JOO

Passerini three-component reaction of anthracene-9-carbaldehyde in water: green synthesis of anthracene- containing α -acyloxycarboxamides



Rev. Roum. Chim., 2017, 62(11), 875-879

Key words: anthracene-9-carbaldehyde, benzoic acid derivative, isocyanide, water, three-component reaction, green synthesis.

