

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

Tome 66, N° 12

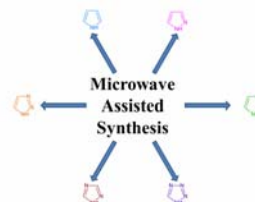
Décembre 2021

REVIEW

Maya GEORGIEVA, Emilio MATEEV,
Diana TZANKOVA and Alexander ZLATKOV

Microwave-assisted synthetic approaches to biologically active N-based five-membered heterocycles as response to green chemistry

DOI: 10.33224/rch.2021.66.12.01
Rev. Roum. Chim., 2021, 66(12), 873-894

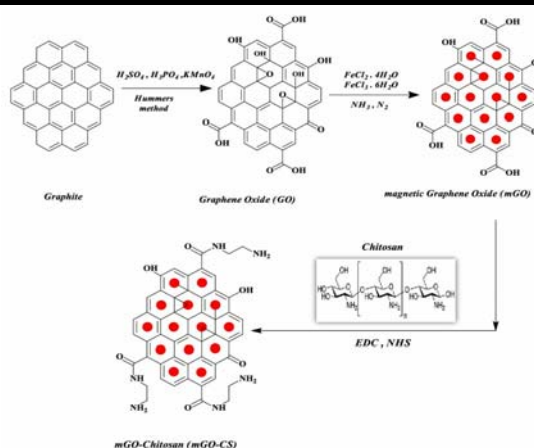


Key words: microwave-assisted synthesis, green synthesis, nitrogen-based heterocycles.

PAPERS

Rosa KALANTARI, Ali MOGHIMI and
Fariborz AZIZINEZHAD

A rapid and sensitive method for separation/preconcentration and determination of Cu^{2+} from aqueous solution using modified magnetic graphene oxide nanocomposites



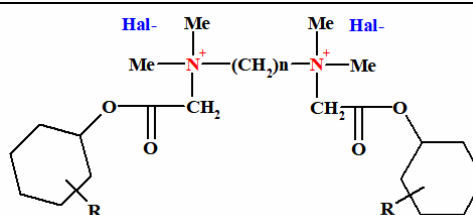
DOI: 10.33224/rch.2021.66.12.02
Rev. Roum. Chim., 2021, 66(12), 895-906

Key words: magnetic nanocomposite, graphene oxide, Cu^{2+} , preconcentration.

Vitaliy CHORNOUS, Yuliana LUKAN,
Alina GROZAV, Olesia PEREPELYTSIA,
Mykola TURASH and Ivan BURDENIUK

Synthesis and antimicrobial efficiency of some new types of the quaternary ammonium compounds

DOI: 10.33224/rch.2021.66.12.03
Rev. Roum. Chim., 2021, 66(12), 907-911

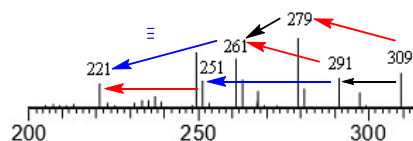


Key words: organic synthesis, quaternary ammonium salts, bactericide effect.

Tian-shan WANG and Yan-yan NIU

Diagnostic product ions and fragmentation patterns for the cyclomyrsinane-type diterpenoids by higher-energy collisional dissociation mass spectrometry

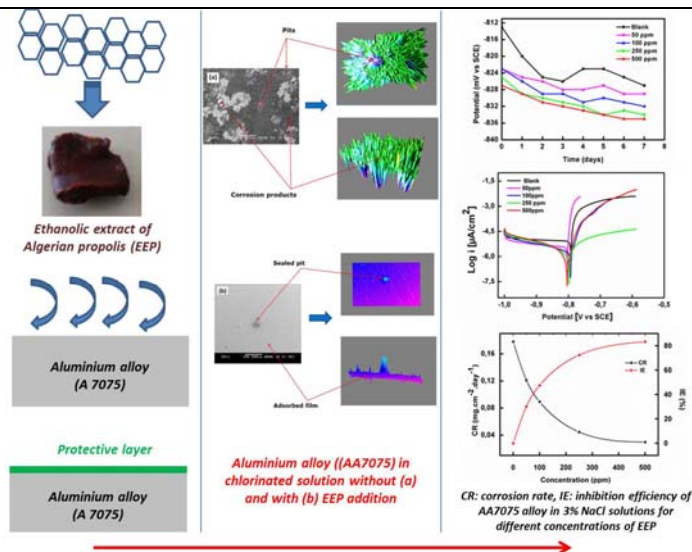
DOI: 10.33224/rch.2021.66.12.04
Rev. Roum. Chim., 2021, 66(12), 913-920



Key words: cyclomyrsinane-type diterpenoids, euphorbia species, diagnostic product ions, mass spectrometry.

Meryem ACILA, Hakim BENSABRA and Adel SAOUDI

Performance of ethanolic extract propolis as a safe inhibitor for AA7075 alloy corrosion in neutral chloride medium

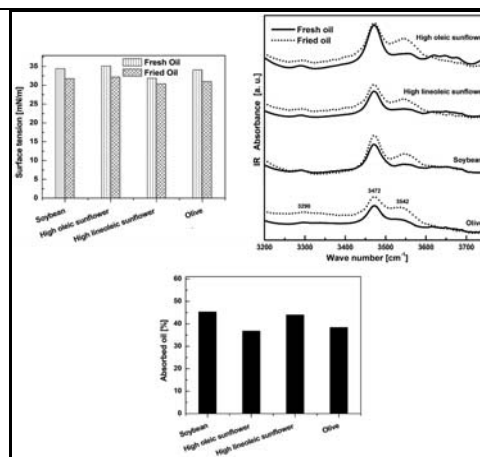


DOI: 10.33224/rch.2021.66.12.05
Rev. Roum. Chim., 2021, 66(12), 921-930

Key words: aluminum, corrosion, inhibitors, propolis, ethanolic extract.

Munzer NADDAF, Ali ALZIER and Hussam ALLAHAM

Surface tension and hydroperoxide content of vegetable oils: effect of repeated deep frying

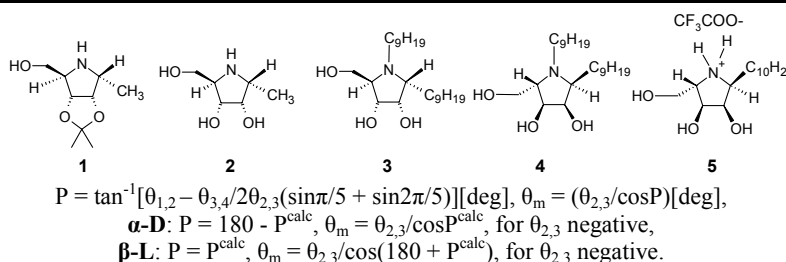


DOI: 10.33224/rch.2021.66.12.06
Rev. Roum. Chim., 2021, 66(12), 931-939

Key words: vegetable oils, frying, surface tension, FTIR, oil absorption.

NOTE
Carmen-Irena MITAN, Emerich BARTHA, Petru FILIP, Constantin DRAGHICI, Miron T. Caproiu and Robert Michael MORIARTY

Dihedral angles calculated with 3-sphere approach as integer in conformational analysis on D-, L- ribitol series



DOI: 10.33224/rch.2021.66.12.07

Rev. Roum. Chim., 2021, 65(12), 941-948

Key words: conformation, Altona's model, 3-sphere, alpha-D, beta-L-ribitol.

Index of authors

Rev. Roum. Chim., 2021, 66(12), 949-958

Index of subjects

Rev. Roum. Chim., 2021, 66(12), 959-962