

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

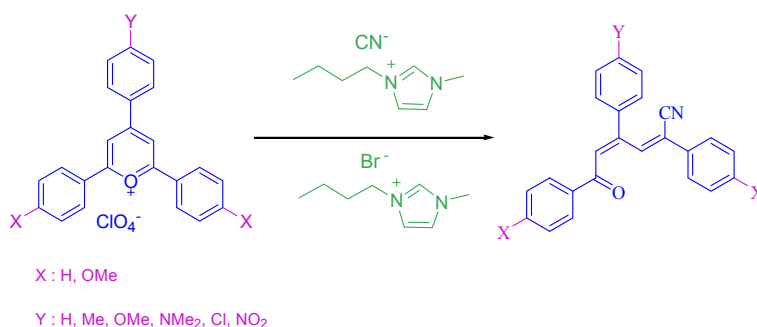
Tome 65, N° 11

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PAPERS

**Fatemeh ABADAST,
Arash MOURADZADEGUN and
Mohammad Reza GANJALI**

A new green and catalyst free strategy for synthesis of cyanodienones using task-specific ionic liquid

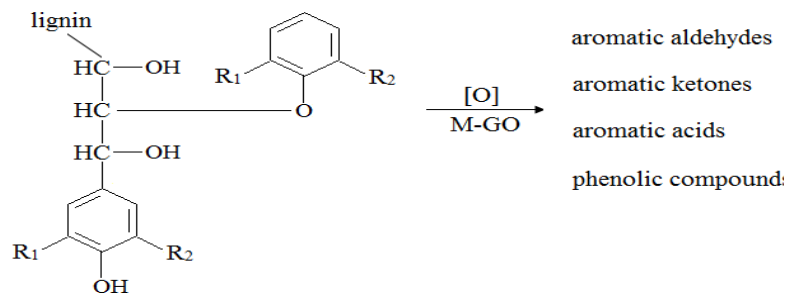


DOI: 10.33224/rch.2020.65.11.01
Rev. Roum. Chim., 2020, 65(11), 976-971

Key words: task-specific ionic liquid, ([bmim]CN, triarylpyrylium perchlorates, cyanide.

**Xue-Fei ZHOU, Zheng-Rong ZOU and
Xiao-Jun Yang**

MPSC₆ binuclear complexes immobilized on graphene oxide for oxidation of lignin model compounds and lignin



R₁=H, R₂=H

R₁=H, R₂=CH₃O

R₁=CH₃O, R₂=CH₃O

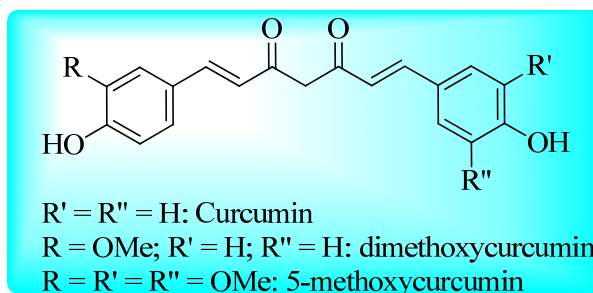
M-GO=MPSC₆ binuclear complexes immobilized on graphene oxide

DOI: 10.33224/rch.2020.65.11.02
Rev. Roum. Chim., 2020, 65(11), 973-982

Key words: binuclear complex, graphene oxide, lignin, oxidation.

**Adem ONAL, Kevser Ceren TOMBUL and
Sama NACHED**

Investigation of dyeing properties of different fabric species with *Curcuma Longa* extracts

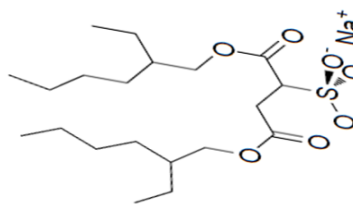


DOI: 10.33224/rch.2020.65.11.03
Rev. Roum. Chim., 2020, 65(11), 983-988

Key words: *Curcumin Longa* rhizome, mordant, wool, cotton, fastness.

Binita KHADKA and Ajaya BHATTARAI

UV-VIS studies on interaction between sodium dioctylsulfosuccinate (AOT) and methyl red

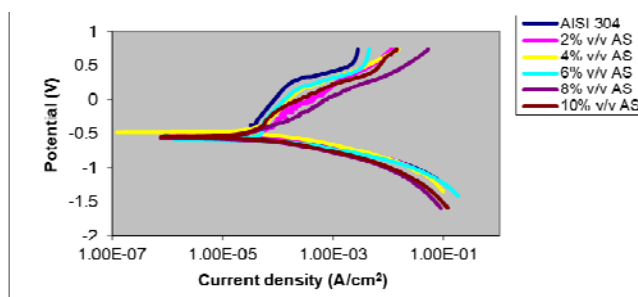


DOI: 10.33224/rrch.2020.65.11.04
Rev. Roum. Chim., 2020, 65(11), 989-996

Key words: sodium dioctylsulfosuccinate, methanol, methyl red, UV-VIS.

Idawu Yakubu SULEIMAN, Auwal KASIM, Munir Zubairu SIRAJO and Abdullahi Tanko MOHAMMED

Characterization of eco-friendly inhibitor by AAS, FT-IR and GC-MS for protection of AISI 304 in acidic environment

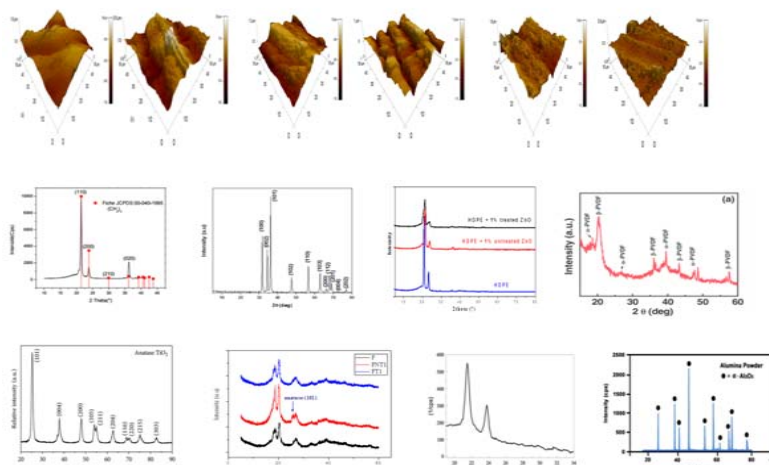


DOI: 10.33224/rrch.2020.65.11.05
Rev. Roum. Chim., 2020, 65(11), 997-1007

Key words: *Acacia senegalensis*, eco-friendly inhibitor, phytochemicals, FT-IR, GC-MS, AAS.

Fatma Zohra BENABID, Foued ZOUAI and Djafer BENACHOUR

Dielectric properties of some polymers/ metal oxide nanoparticles nanocomposites using fast technique

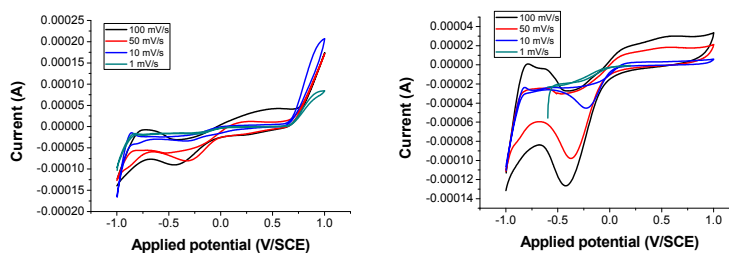


DOI: 10.33224/rrch.2020.65.11.06
Rev. Roum. Chim., 2020, 65(11), 1009-1017

Key words: stearic acid, dielectrical properties, metal oxide nanoparticles, nanocomposites.

Yassmina ANGAR, Sofiane DAOUDI, Salima KEBBOUCHE-GANA and Nacer-Eddine DJELALI

Electrocatalytic activity survey of some cathode materials for the reduction of nitrites and nitrates in aqueous solution

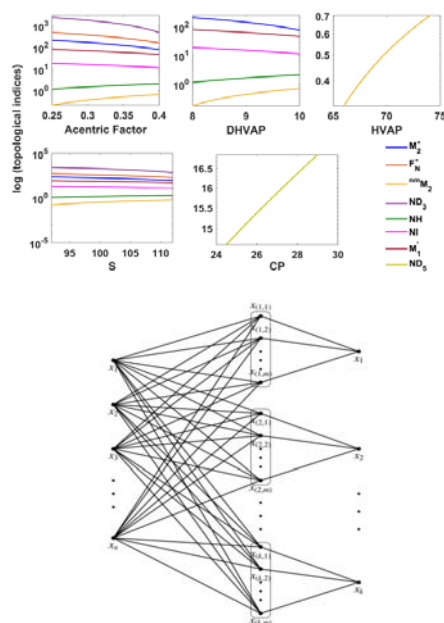


DOI: 10.33224/rrch.2020.65.11.07
Rev. Roum. Chim., 2020, 65(11), 1019-1029

Key words: nitrites, nitrates, electrochemical reduction, cyclic voltammetry, aqueous solution, cathode materials.

Sourav MONDAL, Nilanjan DE and Anita PAL

Molecular descriptors of neural networks with chemical significance

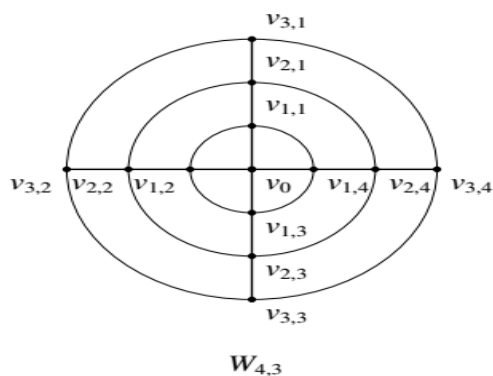


Key words: molecular graph, QSPR modelling, NM-polynomial, topological index, 3-layered probabilistic neural network, 4-layered probabilistic neural network.

DOI: 10.33224/rrch.2020.65.11.08
Rev. Roum. Chim., 2020, 65(11), 1031-1044

Prosanta SARKAR, Sourav MONDAL,
Nilanjan DE and Anita PAL

(a,b)- Zagreb index of some special graph



Key words: various graph invariants, (a,b)-Zagreb index, some special graphs.

DOI: 10.33224/rrch.2020.65.11.09
Rev. Roum. Chim., 2020, 65(11), 1045-1055

