REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

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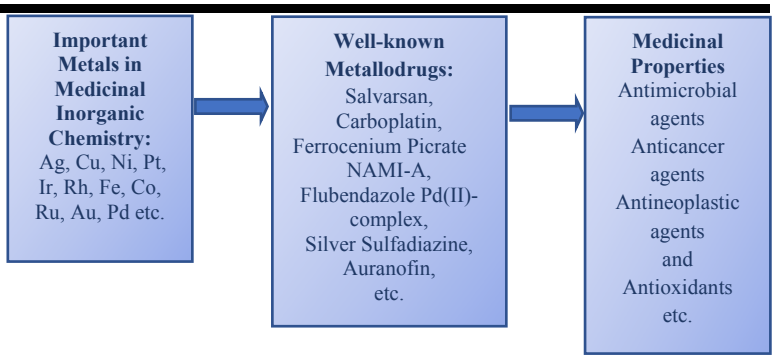
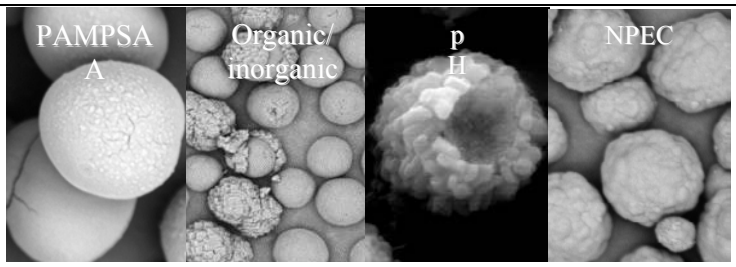
REVIEWS



Doi: 10.33224/rrch.2019.64.1.01
Rev. Roum. Chim., **2019**, *64*(1), 5-17

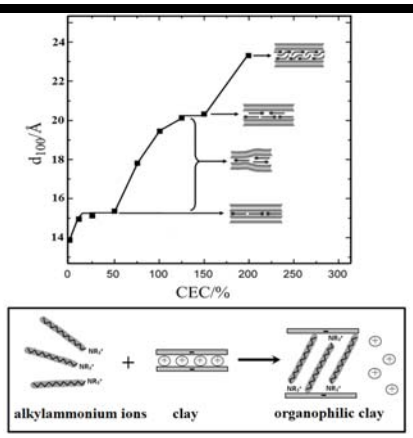
Key words: metal based drugs, flavonols therapeutic agents, antimicrobial activity, anticancer activity.



Key words: $CaCO_3$, composite microparticles, poly(2-acrylamido-2-methylpropanesulfonic acid-co-acrylic acid), organic/inorganic concentration, polyelectrolytes complexes.

Doi: 10.33224/rrch.2019.64.1.02
Rev. Roum. Chim., **2019**, *64*(1), 19-34

PAPERS

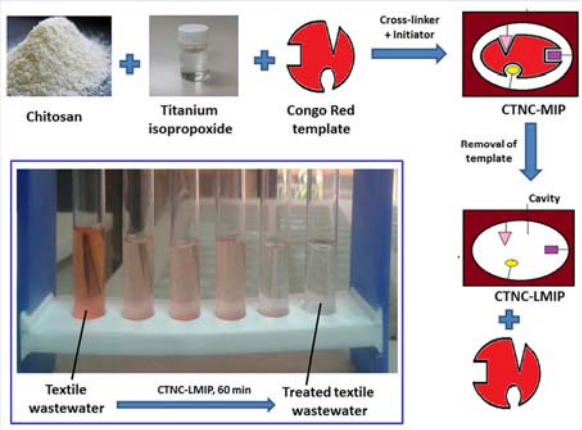


Doi: 10.33224/rrch.2019.64.1.03
Rev. Roum. Chim., **2019**, *64*(1), 35-44

Key words: Montmorillonite, Cationic surfactant, Organo-montmorillonite, SEM, X-ray diffraction, Thermal stability, ATG, DSC.

Ashraf A. MOHAMED, Mohamed A. AHMED and Nader M. ABDELBAR

A chitosan-TiO_2 imprinted polymer for the quantitative removal of Congo red dye from textile wastewaters

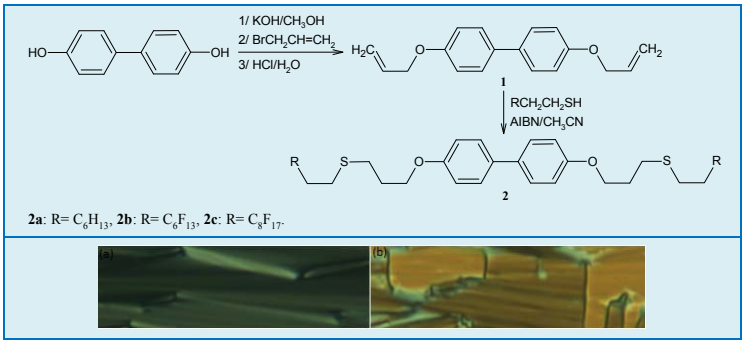


Doi: 10.33224/rrch.2019.64.1.08
Rev. Roum. Chim., **2019**, *64*(1), 83-96

Key words: chitosan-TiO_2 nanocomposite, Congo red anionic dye, molecularly imprinted polymer, mesoporous structure, textile wastewater.

Ali KHALFALLAH and Ridha HAMDI

Synthesis and mesomorphic properties of 4,4'-*bis*[*F*-alkylethyl-3-thiopropoxy]biphenyl

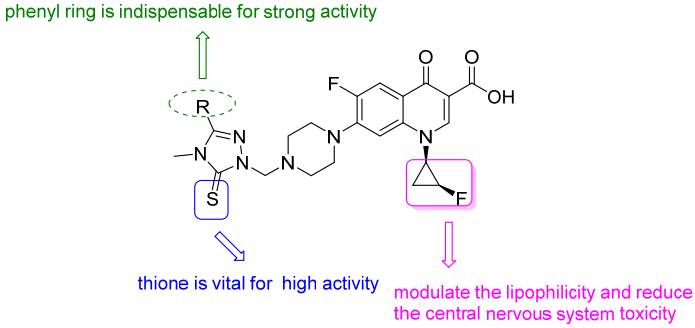


Doi: 10.33224/rrch.2019.64.1.09
Rev. Roum. Chim., **2019**, *64*(1), 97-100

Key words: biphenyl, fluorinated, liquid crystal, smectic.

Yun-He GENG, Zeng-Quan WEI, Zhi XU, Lu-Xin NA, Shu ZHANG, Hui-Yuan GUO, Ming-Liang LIU, Lian-Shun FENG and Xue-Fu YOU

Design, synthesis and antibacterial evaluation of 1-[(1R, 2S)-2-fluorocyclopropyl]ciprofloxacin-(4-methyl-3-aryl)-1,2,4-triazole-5(4*H*)-thione hybrids



Doi: 10.33224/rrch.2019.64.1.10
Rev. Roum. Chim., **2019**, *64*(1), 101-107

Key words: quinolone, ciprofloxacin, 1,2,4-triazole-5(4*H*)-thione, hybrids, antibacterial, structure-activity relationship.