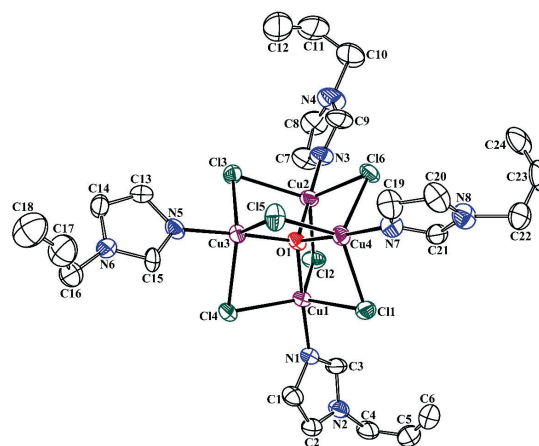


SCIENTIFIC ARTICLES

ORIGINAL SCIENTIFIC ARTICLE

Synthesis, Experimental and Theoretical Characterization of (μ_4 -oxo)hexakis(μ_2 -chloro)-tetrakis[1-(allyl)-1*H*-imidazole]tetracopper(II)

Namık Özdemir, Rukiye Fırıncı, Muhammet Emin Günay

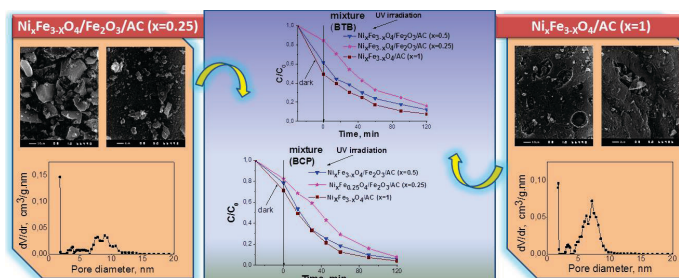


Croat. Chem. Acta 2023, 96(1), 1–8
DOI: 10.5562/cca3933

ORIGINAL SCIENTIFIC ARTICLE

Photocatalytic UV-Induced Approach for Discoloration of Bromocresol Purple, Bromothymol Blue Dyes and Their Mixture Using $Ni_xFe_{3-x}O_4/Fe_2O_3/AC$ Composites

Katerina Zaharieva, Maria Shipochka, Katya Milenova, Silvia Dimova, Ognian Dimitrov, Iliyana Hristova

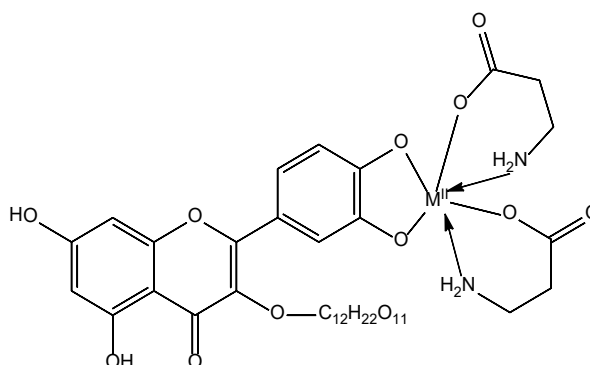


Croat. Chem. Acta 2023, 96(1), 9–20
DOI: 10.5562/cca3947

ORIGINAL SCIENTIFIC ARTICLE

Synthesis and Study of Spectral-luminescent and Biologically Active Properties of Mixed-ligand Complexes of Cobalt(II) and Copper(II) with Rutin and Glycine

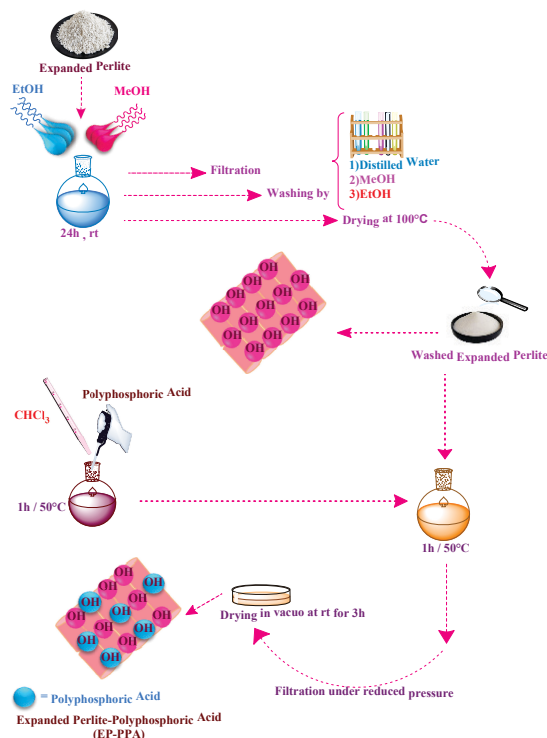
Olena Trunova, Mykhailo Artamonov, Lidia Babenko, Tamara Makotryk



Croat. Chem. Acta 2023, 96(1), 21–32
DOI: 10.5562/cca3950

Expanded Perlite-Polyphosphoric Acid (EP-PPA) as a Low-Cost Heterogeneous Solid Acid Catalyst for Green and Metal-Free Synthesis of Nitriles from Aldehydes

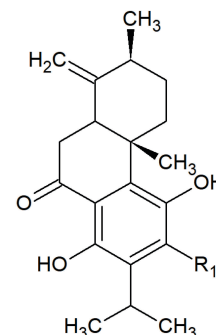
Mahdieh Mahmoodi, Batool Akhlaghinia



Croat. Chem. Acta **2023**, *96*(1), 33–43
DOI: 10.5562/cca3980

Diterpenes and Phenolic Compounds from *Salvia brachyodon* Vandas

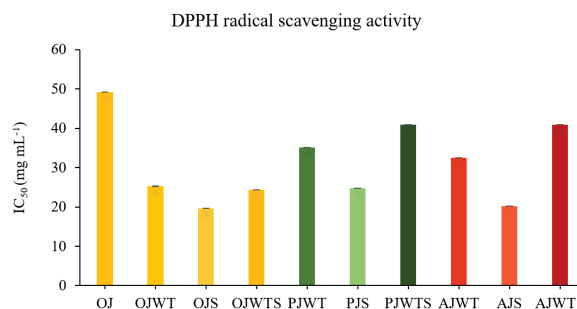
Franz Bucar, Božena Mitić, Dario Hruševar, Olaf Kunert, Kerstin Binder, Sandra Ochensberger, Maja Friščić, Sandra Jurić, Tihana Marić, Željko Maleš



Croat. Chem. Acta **2023**, *96*(1), 45–50
DOI: 10.5562/cca3994

Determination of Phenolic Content and DPPH Radical Scavenging Activity of Functional Fruit Juices Fortified with *Thymus serpyllum* L. and *Salvia officinalis* L. Extracts

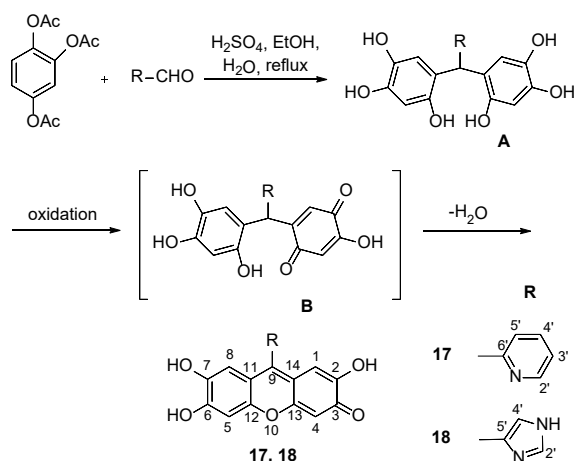
Ivanka Maleš, Tihana Marić, Sanda Vladimirović-Knežević, Verica Dragović-Uzelac, Ana Dobrinčić, Danijela Skroza, Željko Maleš, Igor Jerković



Croat. Chem. Acta **2023**, *96*(1), 51–57
DOI: 10.5562/cca4003

Analysis of Antitumor Potential of Xanthenone Compounds in Lymphoma Cells

Esmā Bilajac, Una Glamočlija, Amar Osmanović,
Lejla Mahmutović, Abas Sezer, Sunčica Roca,
Selma Špirtović-Halilović, Mirsada Salihović,
Altijana Hromić-Jahjefendić, Elma Veljović



Croat. Chem. Acta **2023**, *96*(1), 59–68
DOI: 10.5562/cca4007