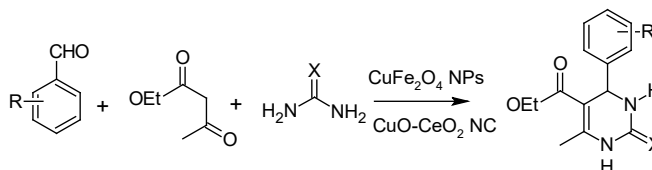


SCIENTIFIC ARTICLES

ORIGINAL SCIENTIFIC ARTICLE

**Ecofriendly Synthesis of DHPMs using Copper-based Nano catalysts and Evaluation of Antibacterial Activity**

Khushboo Sharma, Narsingh Khatik, Abhinav Raj Khandelwal, Ravina Meena, Seema Bhadauria, Malvika Singh, Harshita Sachdeva



- Important Features**
1. Microwave irradiation
  2. Short reaction time and excellent product yield
  3. Experimental simplicity and easy work up

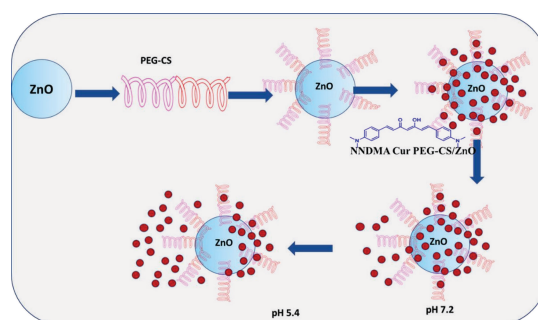
*Croat. Chem. Acta* **2023**, *96*(2), 69–79

DOI: 10.5562/cca4001

ORIGINAL SCIENTIFIC ARTICLE

***N,N*-Dimethylamino Phenyl Curcumin Drug Loaded Polyethylene Glycol-Chitosan Incorporated Zinc Oxide Nanoparticles for Anti-Arthritic Activity**

K. Priyadharsini, M. Anbuhezhiyan



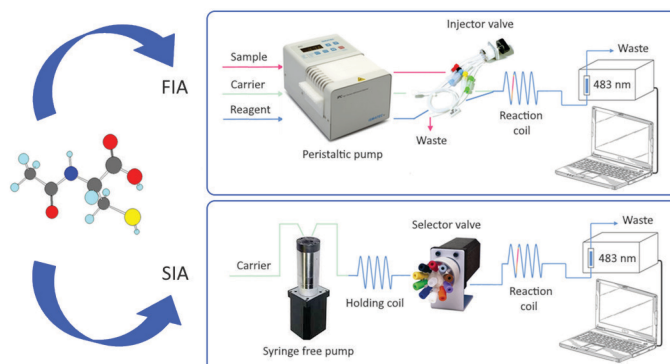
*Croat. Chem. Acta* **2023**, *96*(2), 81–89

DOI: 10.5562/cca3961

ORIGINAL SCIENTIFIC ARTICLE

**Spectrophotometric Determination of *N*-acetyl-L-Cysteine in Pharmaceutical Formulations by Flow Injection and Sequential Injection Analysis: Comparison of the Methods**

Maja Biocic, Deni Karabatić, Dea Tomić, Lea Kukoc-Modun

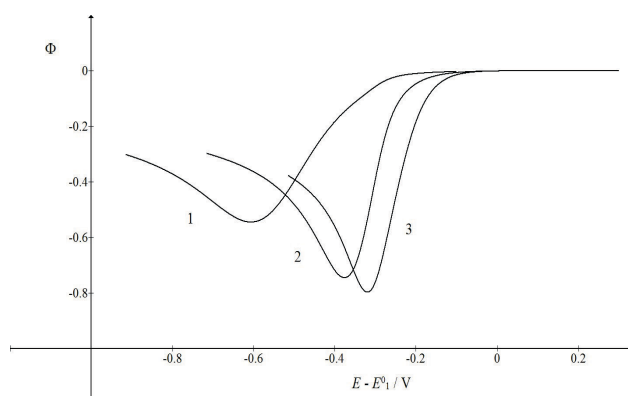


*Croat. Chem. Acta* **2023**, *96*(2), 91–97

DOI: 10.5562/cca4016

**Tafel Plot of an EE Mechanism**

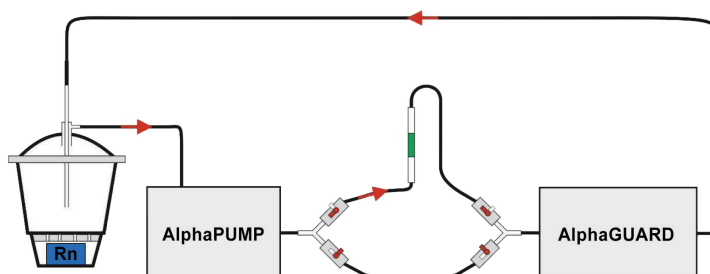
Milivoj Lovrić

*Croat. Chem. Acta* **2023**, *96*(2), 99–103

DOI: 10.5562/cca4035

**Comparison of Radon Adsorption on Hematite and Charcoal Activated Powder in Air**

Vanja Radolić, Goran Šmit, Igor Miklavčić, Marina Poje Sovilj

*Croat. Chem. Acta* **2023**, *96*(2), 105–111

DOI: 10.5562/cca4013