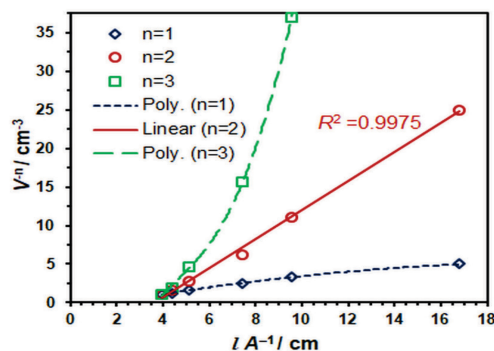


SCIENTIFIC ARTICLES

ORIGINAL SCIENTIFIC ARTICLE

Extraction of Gallium(III) with a New Azo Dye in The Presence or Absence of Xylometazoline Hydrochloride

Petya V. Racheva, Nikolina P. Milcheva, Antoaneta D. Saravanska, Kiril B. Gavazov

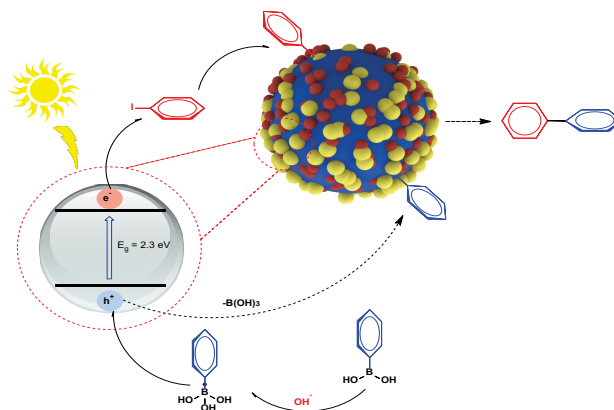


Croat. Chem. Acta 2020, 93(3), 159–165
DOI: 10.5562/cca3722

ORIGINAL SCIENTIFIC ARTICLE

Sun-light-driven Suzuki-Miyaura Cross-coupling using a Novel Superparamagnetic Metal-organic Framework Catalyst

Sina Taraghi, Batool Akhlaghinia, Ali Reza Pourali

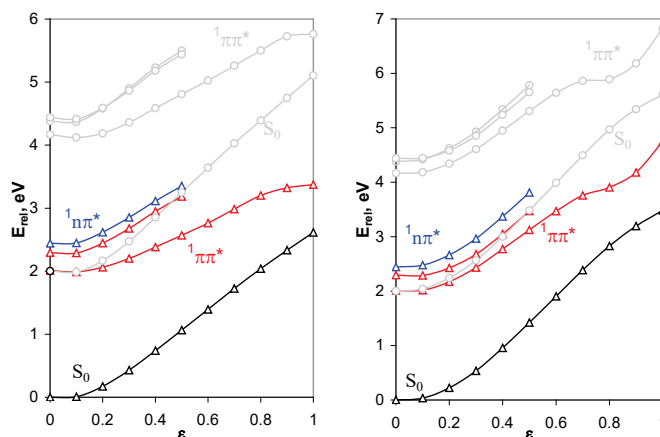


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DOI: 10.5562/cca3741

ORIGINAL SCIENTIFIC ARTICLE

Photoinduced Phenomena in 6,6'-Dibromoindigo (Tyrian Purple): a Theoretical Study

Vassil B. Delchev

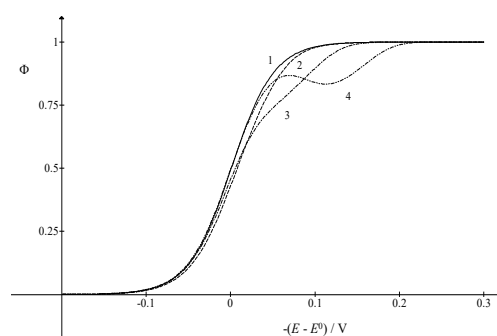


Croat. Chem. Acta 2020, 93(3), 177–182
DOI: 10.5562/cca3732

Model of Reactant Adsorption in *dc* Polarography

Milivoj Lovrić

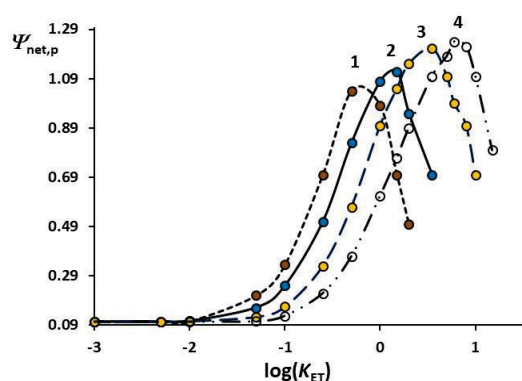
Croat. Chem. Acta **2020**, 93(3), 183–189
DOI: 10.5562/cca3736



Surface Electrode Mechanism Associated with Preceding and Follow up Chemical Reactions – Theoretical Analysis in Square-Wave Voltammetry

Pavlinka Kokoskarova, Sonja Risafova, Rubin Gulaboski

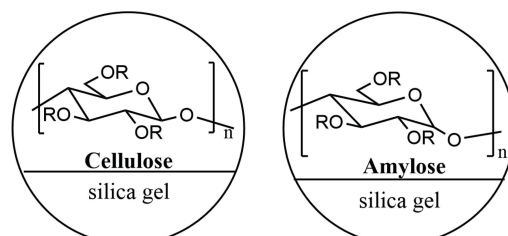
Croat. Chem. Acta **2020**, 93(3), 191–201
DOI: 10.5562/cca3768



Enantioseparation of (\pm)-*trans*- β -lactam Ureas by Supercritical Fluid Chromatography

Mladenka Jurin, Darko Kontrec, Tonko Dražić, Marin Roje

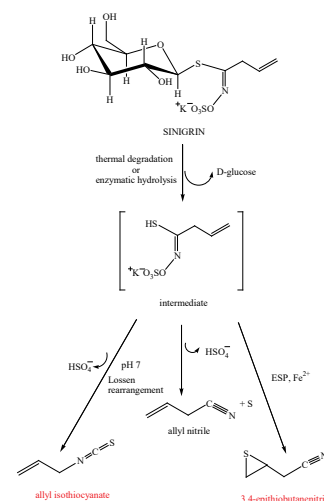
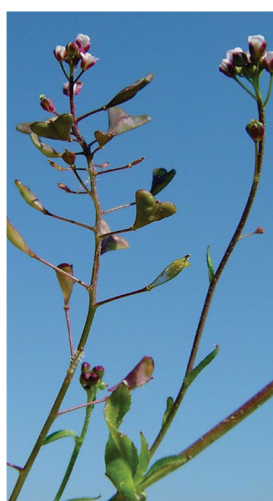
Croat. Chem. Acta **2020**, 93(3), 203–213
DOI: 10.5562/cca3781



Volatile Constituents of Aerial Parts of *Capsella rubella* Reut.

Ani Radonić, Marina Zekić, Zvonimir Marijanović

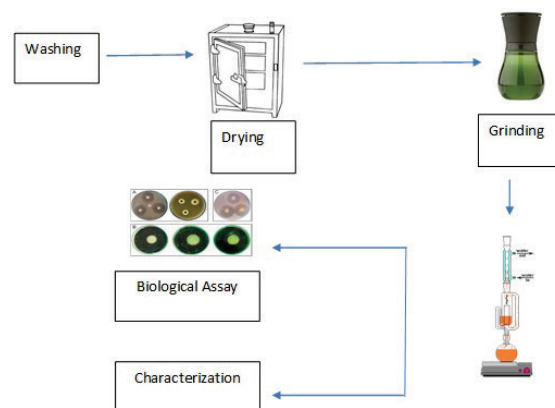
Croat. Chem. Acta **2020**, 93(3), 215–220
DOI: 10.5562/cca3761



Chemical Profiling and Bioactivities of Selective Organic Compounds from Fruits of *Olea ferruginea* and its Comparison with *Olea europaea*

Huma Ajab, Farah Jabeen, Muhammad Gulfranz, Asim Yaqub, Ayesha Baig, Hina Gul

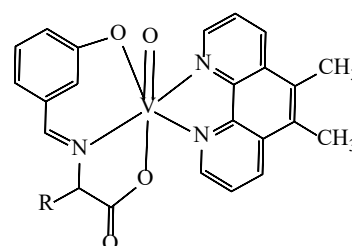
Croat. Chem. Acta **2020**, 93(3), 221–229
DOI: 10.5562/cca3755



Synthesis, Characterization and Biological Activity of Oxovanadium(IV) Complexes Containing α -Amino Acid Schiff Bases and 5,6-Dimethyl-1,10-phenanthroline Ligands

Md. Nur Amin Bitu, Md. Saddam Hossain, Md. Ali Asraf, Md. Faruk Hossen, Md. Kudrat-E-Zahan

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DOI: 10.5562/cca3775



R	Complex
-H	[VO(hb-Gly)(Dphen)]
-CH ₃	[VO(hb-Ala)(Dphen)]
-CH ₂ -CH(CH ₃) ₂	[VO(hb-Leu)(Dphen)]
-CH ₂ -C ₆ H ₅	[VO(hb-Phe)(Dphen)]
-CH ₂ -CH ₂ -S-CH ₃	[VO(hb-Met)(Dphen)]

A Kinetic Study of Silver Electrodeposition Onto Pt Ultramicroelectrodes From Amoniacal Solutions

Jair A. Corona-Castro, Giaan A. Álvarez-Romero, Margarita Rivera, José M. Sausedo-Solorio, Clara H. Rios-Reyes, Luis H. Mendoza-Huizar

Croat. Chem. Acta **2020**, 93(3), 237–243
DOI: 10.5562/cca3771

