CROATICA CHEMICA ACTA

Croat. Chem. Acta **2026**, *99*(1), 1–103
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INTRODUCTION

FOREWORD

Ernest Meštrović, Vladislav Tomišić, and Andrea Usenik

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SCIENTIFIC ARTICLES

REVIEW

Comprehensive Tutorial: Characterization of Small Molecule–DNA Noncovalent Binding Interactions

Gordan Horvat, Ivo Piantanida

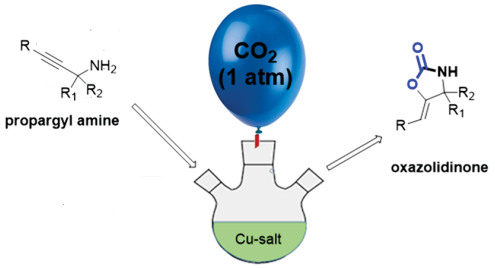


Croat. Chem. Acta **2026**, *99*(1), 1–29
DOI: 10.5562/cca4215

ORIGINAL SCIENTIFIC ARTICLE

Efficient Fixation of CO_2 at Atmospheric Pressure to *N*-propargylamines: Facile Method Promoted by Cu(I)-salts to Obtain 4-substituted-3-alkylideneoxazolidin-2-ones

Nikolina Vidović, Maria Kolympadi Markovic, Valerije Vrček, Dean Marković

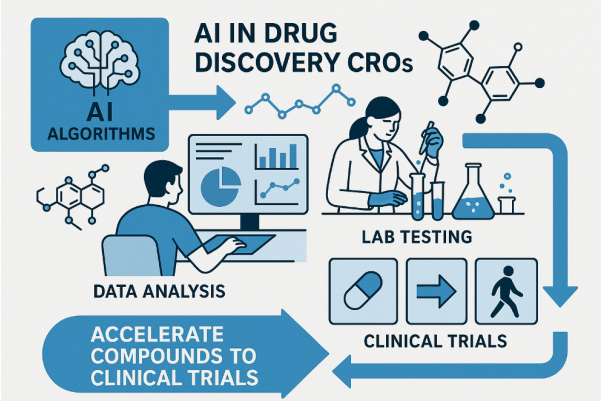


Croat. Chem. Acta **2026**, *99*(1), 31–35
DOI: 10.5562/cca4186

ORIGINAL SCIENTIFIC ARTICLE

AI-Enabled Drug Candidates and the Evolving Role of CROs

Adrijana Vinter

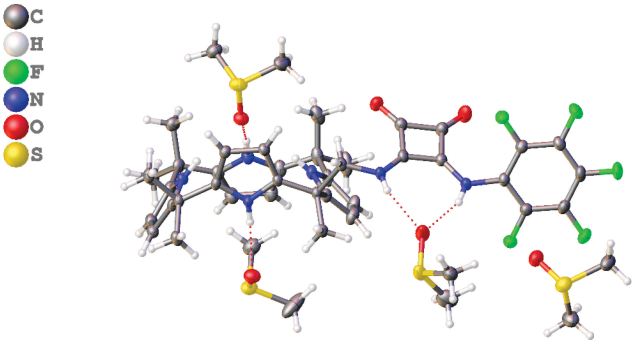


Croat. Chem. Acta **2026**, *99*(1), 37–44
DOI: 10.5562/cca4190

ORIGINAL SCIENTIFIC ARTICLE

Squaramide Calix[4]pyrroles for Anion Transport

Patrick Wang, Mohamed Fares, David E. Hibbs, Jonathan Du, Philip A. Gale

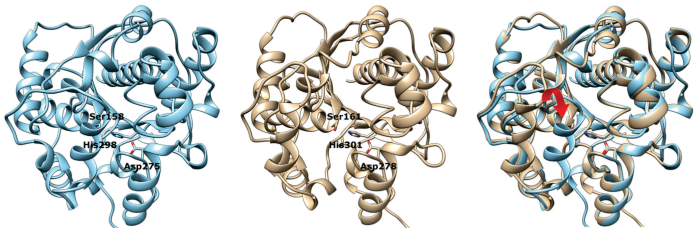


Croat. Chem. Acta **2026**, *99*(1), 45–53
DOI: 10.5562/cca4223

ORIGINAL SCIENTIFIC ARTICLE

PLA Degrading Enzymes from Metagenomic Databases

Mario Oraić, Dino Koranić, Lucija Brtan, Ivana Kekez, Aleksandra Maršavelski

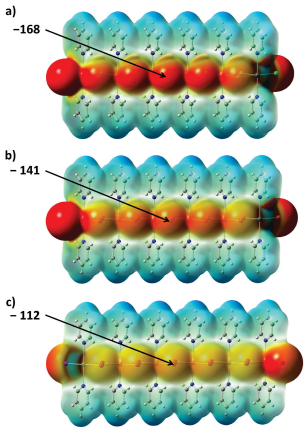


Croat. Chem. Acta **2026**, *99*(1), 55–62
DOI: 10.5562/cca4201

ORIGINAL SCIENTIFIC ARTICLE

Halogen Bonding Induced Morphotropic Step in a Series of (Lead(II) Halogenide)–3-Halopyridine Complexes

Lucija Marić, Nikola Bedeković, Mladen Borovina, Vladimir Stilinović

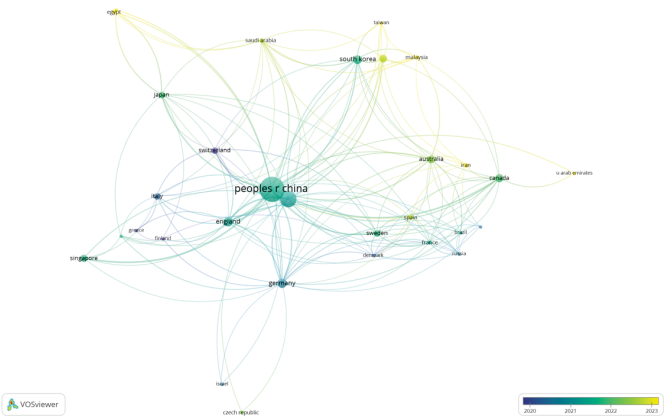


Croat. Chem. Acta **2026**, *99*(1), 63–69
DOI: 10.5562/cca4225

ORIGINAL SCIENTIFIC ARTICLE

AI Deployment in Chemistry: Bibliometric and Topic Analysis of Top-Cited Papers (2015–2025)

Andrea Usenik, Ernest Meštrović, Mirjana Pejić Bach

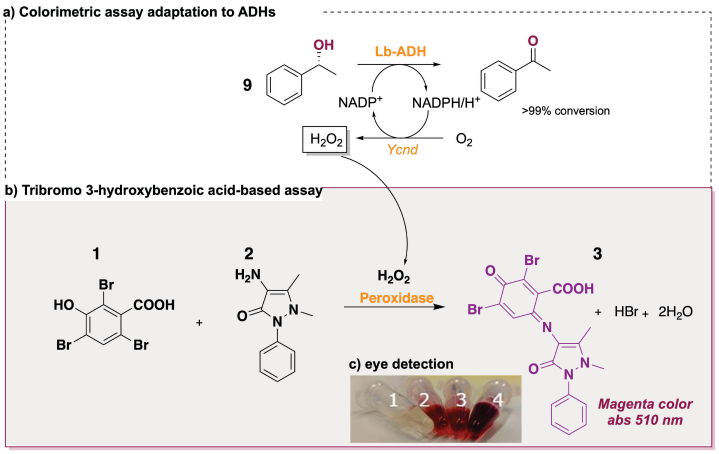


Croat. Chem. Acta **2026**, *99*(1), 71–88
DOI: 10.5562/cca4229

ORIGINAL SCIENTIFIC ARTICLE

An Enantioselective High-Throughput Colorimetric Assay for Rapid Screening of Oxidoreductases Producing Chiral Amines or Alcohols

Vasilis Tseliou, Kyriakos Tsatsis, Francesco G. Mutti



Croat. Chem. Acta **2026**, *99*(1), 89–103
DOI: 10.5562/cca4256