



Facultad de Ciencias
Químicas e Ingeniería

PROFESORA INVESTIGADORA DE TIEMPO COMPLETO, FCQel.



Nombre del Investigador: Dra. Ave María Cotero Villegas

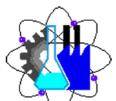
Área del conocimiento: Química Inorgánica

Líneas de investigación: Síntesis y caracterización de complejos de elementos representativos

Últimas publicaciones:

1. Fatty Imidazolines as a Green Corrosion Inhibitor of Bronze Exposed to Acid Rain. Vázquez-Aguirre, I.D.; Torres-Islas, A.; Vázquez-Vélez, E.; Martínez, H.; del Pozo-Mares, A.; **Cotero-Villegas, A.M.** Coatings 2024, 14, 1152. <https://doi.org/10.3390/coatings14091152>
2. Synthesis, spectral characterization, crystal structures, and DFT study of three new La(III) 2-amino-1-cyclopentene-1-carbodithioate. Hernández-Jiménez Christopher Christian, Cea-Olivares Raymundo, Tlahuext Hugo, López-Cardoso Marcela, Román-Bravo Perla, Vargas-Pineda Diana Gabriela, **Cotero-Villegas Ave María**, Pérez-Redondo Carmen, J. Barroso-Flores, V. Jancik. 2021, *Journal of Molecular Structure*.
3. Organotin(IV) azepane dithiocarbamates: Synthesis and characterization of the first organotin(IV) complexes with seven-membered cyclic dithiocarbamates. “**Cotero-Villegas, A.M.**, Pérez-Redondo, M.D.C., López-Cardoso, M., Toscano, A., Cea-Olivares, R.” “2020 Phosphorus, Sulfur and Silicon and the Related Elements.
4. Synthesis, crystal structure, antibacterial, antiproliferative and QSAR studies of new bismuth(III) complexes of pyrrolidineditiocarbamate of dithia- bismolane and bismane, oxodithia- and trithia-bismocane *Marcela López-Cardoso, Hugo Tlahuext,a Marco Pérez-Salgado, Diana G. Vargas-Pineda, Perla P. Román-Bravo, Ave María Cotero-Villegas, Macdiel Acevedo-Quiroz, Rodrigo S. Razo-Hernández, Patricia Alvarez-Fitz, Miguel Angel Mendoza-Catalán, Vojetch Jancik, Raymundo Cea-Olivares, 2020. Journal of Molecular Structure*.





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5. Synthesis and characterization structural of alkali cations (Li^+ , Na^+ , K^+ , Rb^+ , Cs^+) carboxylate-dithiocarbamate complexes of L-Proline. *Hugo Tlahuext, Elena Rosas-Valdés, Marcela López-Cardoso, Perla Román-Bravo, Gabriela Vargas-Pineda, Virginia Montiel-Palma, Ave María Cotero-Villegas, María del Carmen Pérez-Redondo, Raymundo Cea-Olivares*” 2018 *Journal of Molecular Structure*”

Contacto: avecotero@uaem.mx