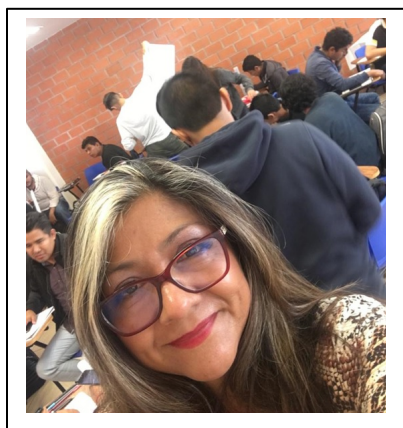




PROFESORA INVESTIGADORA DE TIEMPO COMPLETO, FCQeI.



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Área del conocimiento: Química, biología e Ingeniería de Productos Naturales.

Líneas de investigación: Diseño, síntesis y aplicación de derivados químico-moleculares de interés biológico, farmacológico y en Ingeniería de nanomateriales.

Últimas publicaciones:

1. The use of *Brugmansia arborea* as a green corrosion inhibitor for AISI 1018 carbon steel in acid media. Rodríguez Torres, A., **Valladares Cisneros, M. G.**, Uruchurtu Chavarín, J., Cuevas Arteaga, C., and Veloz Rodríguez, M. A. **2021**. Green Chemistry Letters and Reviews.
2. Evaluation of *Curcuma Longa* as Corrosion Green Inhibitor for 1018 Steel in Media Chloride. Chávez Diaz, G., Uruchurtu Chavarín, J., and **Valladares-Cisneros, M. G.** **2021**. The Electrochemical Society Transactions.
3. Electrochemical Evaluation of Chrysin Flavonoid as Corrosion Inhibitor for Mild Steel in Sulphuric Acid Solution. Díaz, M. Y., **Valladares, M. G.**, Menchaca, E. C., and Uruchurtu, J. **2020**. European Journal of Engineering Research and Science.
4. Study of Anti-corrosion 1018 Carbon Steel in H₂SO₄ Using *Crescentia alata*, *Crataegus pubescens*, and *Jacaranda mimosaeifolia* as Green Corrosion Inhibitors. Meza Rodríguez, M. F., Rodríguez-Torres, A., Saldaña Heredia, A. Bhawsar, J. Colin de la Cruz, J. M., **Valladares-Cisneros, M. G.** **2020**. Journal of Materials and Environmental Science.
5. Study of the corrosion inhibition of copper in synthetic seawater by *Equisetum arvense* as green corrosion inhibitor. Esquivel-Rojas, A., Cuevas-Arteaga, C., **Valladares-Cisneros, M.G.** **2020**. Revista Mexicana de Ingeniería Química.



6. Electrochemical and chemical quantum studies of a natural alkaloid compound: Boldine, as green corrosion behaviour on Carbon steel and Copper in sulfuric acid. Díaz-Cardenas, M. Y., **Valladares-Cisneros, M. G.**, Menchaca-Campos, C., Lagunas-Rivera, S., Gonzalez, J. G., Uruchurtu-Chavarín, J. **2019**. Journal of Materials and Environmental Science.
7. In vitro nematicidal effect of *Chenopodium ambrosioides* and *Castela tortuosa* n-hexane extracts against *Haemonchus contortus* (Nematoda) and their anthelmintic effect in gerbils. Zamilpa, A. García-Alanís, C., López-Arellano, M.E. Hernández-Velázquez, V. M., **Valladares-Cisneros, M. G.**, Salinas-Sánchez, D.O., Mendoza-De Gives, P. **2019** Journal of Helminthology.
8. Quantum chemical assessment of two natural compounds: Vasicine and Vasicinone as Green Corrosion inhibitors. Bhawsar, J., Jain, P., **Valladares-Cisneros, M. G.**, Cuevas-Arteaga, C., Bhawsar, M. R. **2018** International Journal of Electrochemical Science.
9. Effect of green corrosion inhibition by *Prunus persica* on AISI 1018 carbon steel in 0.5M H₂SO₄. Rodríguez-Torres, A., Olivares-Xometl, O., **Valladares-Cisneros, M. G.**, González-Rodríguez, J. G. **2018** International Journal of Electrochemical Science”

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