

## Special Issue

# Recent Experimental and Theoretical Advances of Corrosion Protection

### Message from the Guest Editors

Since ancient times, metals have been exploited in human activities due to their excellent mechanical, electrical, and durability properties. Among these metals, steel is extensively utilized in several important industries. However, serious corrosion appears when steel is applied in automotive, construction, aerospace, and maritime industries. Thus, it is important to apply prevention methods to reduce the problems caused by corrosion. This Special Issue of *Molecules* aims to compile research articles that address the synthesis of chemicals, electrochemical evaluation, characterization, and the theoretical modeling of corrosion inhibition molecules that can be used to effectively protect metallic surfaces.

### Guest Editors

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Prof. Dr. Miguel Castro

Prof. Dr. Guillermo E. Negrón-Silva

Dr. Alan Joel Miralrio Pineda

### Deadline for manuscript submissions

31 March 2026



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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### Editor-in-Chief

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