

Organic–Inorganic Hybrid Sol–Gel Materials for Corrosion Mitigation

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submissions:

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Message from the Guest Editor

We would like to invite you to submit your work to this Special Issue on “Organic–Inorganic Hybrid Sol–Gel Materials for Corrosion Mitigation”. The aim of this Special Issue is to present the latest experimental and theoretical developments in this field, combining original research papers and review articles from leading groups worldwide. In particular, the topics of interest include, but are not limited to:

- OIH sol–gel coatings for corrosion mitigation of metallic alloys;
- Sol–gel materials for corrosion mitigation of metallic devices for energy and environmental applications;
- Hybrid sol–gel nanostructured materials for smart coatings;
- Multifunctional OIH sol–gel coatings for corrosion protection including self-healing, anti-fouling, and superhydrophobic functions.



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Special Issue

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Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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