

Special Issue

Organic–Inorganic Hybrid Sol–Gel Materials for Corrosion Mitigation

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.

Guest Editor

Dr. Rita Bacelar Figueira

Centro de Química, Campus de Gualtar, Universidade do Minho, 4710-057 Braga, Portugal

Deadline for manuscript submissions

closed (15 January 2022)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
coatings@mdpi.com

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies 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 in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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Prof. Dr. Wei Pan

State Key Laboratory of New Ceramics and Fine Processing, School of Materials Science & Engineering, Tsinghua University, Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam Mickiewicz University in Poznań, ul. Wszechnicy Piastowskiej 3, 61-614 Poznań, Poland

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