

Special Issue

Bioinspired Surfaces Modification and Coatings

Message from the Guest Editors

We warmly invite you to submit your recent work in the field of novel design, modification, and coating of functional surfaces inspired by nature to the Special Issue “Bioinspired Surfaces Modification and Coatings”.

This Special Issue calls for contributions from researchers worldwide from all the relevant fields and their interfaces with an understanding of the latest discoveries on functional surfaces in nature and the developments of materials inspired by the amazing natural surfaces. In particular, the topics of interest of this Special Issue include, but are not limited to:

- Bioinspired antimicrobial surface modification and coating;
- Bioinspired Antibiofouling surface modification and coating;
- Bioinspired hydrophobic and self-cleaning surface modification and coating;
- Bioinspired stimuli-responsiveness surface modification and coating;
- Nanofabrication of bioinspired surface and coating;
- Biofabrication of bioinspired surface and coating.

We look forward to receiving your contributions.

Guest Editors

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Dr. Ming Xie

Dr. Sanjeeva Witharana

Deadline for manuscript submissions

closed (20 July 2023)



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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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