

Natural Based Bioactive Coatings

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Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

This Special Issue aims to give an overview of the most recent trends in the field of bio-based bioactive coatings, aided by your expertise in the area. We welcome the contribution of your latest works covering topics from the modification of natural polymers, the incorporation of bioactive compounds, or green coatings preparation methods to their characterization and applicability evaluation in concrete applications.

In particular, the topics of interest include but are not limited to:

- Sustainable bio-based coatings;
- Coatings preparation through green chemistry strategies;
- Coatings processing methods;
- Coatings with added natural functional ingredients;
- Coatings with antimicrobial properties;
- Coatings holding bioactive/functional properties;
- Applications of bio-based coatings.



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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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