



Multifunctional Hydrogel Coatings

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Message from the Guest Editors

Dear Colleagues,

In recent years, functional hydrogels have been widely used in many fields, including bioelectronics, biomedicines and water treatment, which have made significant achievements due to their extraordinary properties such as facile processability, unique three-dimensional structure and tissue similarity.

This Special Issue of *Coatings* (IF=2.881) welcomes the submission of original papers, communications and reviews in the field of hydrogels-based functional coatings, including but not limited to (1) the preparation and characterization of novel hydrogel coatings, (2) the surface modification of hydrogel coatings, (3) composite hydrogel coatings, and (4) the applications of hydrogel coatings.

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Guest Editors





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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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