



Advances in Antimicrobial Coatings II

Guest Editor:

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Message from the Guest Editor

During the last decade, the attention was drawn towards the design, synthesis, and characterization of efficient antimicrobial coatings. The latter are of potential use in many industries, such as in medical devices, food packaging, water treatment, ceramics, paints, and many other items in different fields.

We invite authors to contribute original research articles, as well as review articles, that seek to address the mechanisms and significance of antimicrobial coated surfaces for safer environments. A particular interest will be given to papers exploring innovative materials and surfaces engineering.

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

- Recent advances in antimicrobial surfaces
- Antimicrobial photocatalytic coatings
- Surfaces engineering for indoor environment
- Antimicrobial coated polymers
- New generation of antimicrobial coated ceramics
- Light enhanced dyes degradation on surfaces
- Water treatment on coated reactors





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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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