

# Special Issue

## Advanced Functional Nanostructured Films and Coatings for Energy Applications

### Message from the Guest Editor

This Special Issue aims to collect state-of-the-art papers on any topics related to nanomaterials for energy applications in the form of films or coatings, such as nanostructured materials that allow transition from combustion engines to electrified vehicles, the development of emission-free energy sources for home and industry, nanostructured materials highly capable of storing heat and solar energy, highly efficient thermal insulators, etc. In particular, among the different available classes of nanostructured films and coatings for energy applications, special attention will be addressed to very uncommon and niche solutions.

### Guest Editor

Dr. Gianfranco Carotenuto

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### Deadline for manuscript submissions

closed (31 March 2024)



## Coatings

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Impact Factor 2.8  
CiteScore 5.4



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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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### Editors-in-Chief

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