

Special Issue

Novel Surface Modification of Porous Materials

Message from the Guest Editor

In recent years, there has been an increasing interest in porous materials due to their outstanding physical and chemical properties. The technologies of controlling the size, shape, and density of pores as surface modification methods are also being refined and enhanced to face various tasks. This Special Issue aims to provide a platform for researchers around the world to focus on novel surface modification technologies of porous materials, including their preparation, characterization, and applications. We warmly welcome original research papers demonstrating the most recent advances as well as comprehensive reviews addressing state-of-the-art aspects in the field of porous materials. Research areas may include (but are not limited to) the following:

- Design and preparation of porous thin films;
- Advances in surface modification technologies of porous materials;
- Porous materials for biological and medical applications;
- Modification of porous materials for catalytic application;
- Novel experimental or theoretical analysis of porous material properties.

We look forward to receiving your contributions.

Guest Editor

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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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