Special Issue

Recent Advances in Surface Functionalisation, 2nd Edition

Message from the Guest Editors

Currently, a high percentage of materials used in strategic areas, such as the aerospace, energy, or biomedical industries, are subjected to surface modification procedures that adapt their initial properties to specific work conditions. This enhances the performance of the processes in which the manufactured parts are involved. The surface engineering techniques and procedures used for the modification of the features and mechanical behavior of the manufactured elements allow them to overcome their limitations and enhance the properties of the external layers without affecting the remaining material. This Special Issue is focused on research regarding surface functionalization, and thus welcomes papers related to the most recent advances in this field.

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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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