

Surface Chemical Modification

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

We would like to invite you to submit your work to this Special Issue on "Surface Chemical Modification". Surface chemical modification is the modification of the surface of a material by introducing different chemical properties different from the ones originally found on the surface. With the development of engineering and science in the micro/nano scale, the precise control of surface chemical properties is becoming increasingly critical in both fundamental scientific researches and applied engineering applications, such as biology, energy, environment, etc. Vast scientific and technological progress has been achieved on this topic by universities and research institutes all around the world. This progress has been supported by the industrial development of novel characterization and deposition tools. The aim of this Special Issue is to present the latest experimental and theoretical developments in the field, through a combination of original research papers and review articles from leading groups around the world.



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Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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