

Special Issue

Atmospheric Plasma Treatment or Assistance for Functional Coatings or Biomedical Applications

Message from the Guest Editor

Plasma is an ionized form of gas composed of charged particles, electronically excited atoms and molecules, radicals, and UV photons. There are a lot of applications based on the variability of the excited species.

Atmospheric plasma devices have been designed in various forms for varied applications such as surface cleaning, functional coatings, surface modification, and particle synthesis. On the other hand, a nonthermal atmospheric microplasma device has also been designed for low-temperature (

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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