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Coatings



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Message from the Editors-in-Chief

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, peer-reviewed, 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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Aims

Coatings (ISSN 2079-6412) is an international, peer-reviewed and open access journal devoted to the science and engineering of coatings, thin and thick films, surfaces and interfaces. Coatings publishes original research papers and brief communications that report on the latest finding of research together with review papers that systematize the remarkable points on the state of the art. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is on the maximum length of the papers. Full experimental and/or methodical details must be provided.

Scope

- Thin and thick films
- Processes for coating deposition and modification
- Characterization techniques
- Functional, protective and decorative coatings
- Dyes, pigments and their intermediates
- Wear, corrosion, erosion
- Coatings for high temperature
- Film materials for packaging
- Applied surface science
- Adsorption, adhesion, functionalization
- Fundamental and functional properties of surface and interfaces
- Theoretical and computational modeling of surfaces and interfaces
- High surface area systems: colloids, nanoparticles, large interfaces

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