

Special Issue

Nanomaterial- and Nanostructure-Based Coatings: Fabrication, Characterization, and Applications

Message from the Guest Editors

The Special Issue is open to valuable contributions in the field of nanomaterial- and nanostructure-based coatings. The Special Issue will cover the fundamentals of thin films and coatings fabricated by various methods, such as sol-gel, spin coating, dip coating, spray coating, physical vapor deposition, chemical vapor deposition, atomic layer deposition, etc. The Special Issue will disseminate research on emerging thin-film coating systems for advanced industrial applications in the automotive, aerospace, biomedical, and electronics sectors. We would like to invite researchers worldwide to submit their original research, short communication, concept, and review articles covering the theoretical and experimental aspects of nanomaterial- and nanostructure-based coatings, their sustainable manufacturing with advanced materials, methods, properties, and devices, and their applications.

Guest Editors

Prof. Dr. Waseem Haider

Prof. Dr. Abdul Wasy Zia

Dr. Mohsin Ali Badshah

Deadline for manuscript submissions

closed (30 November 2021)



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Coatings
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
coatings@mdpi.com

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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.

Editors-in-Chief

Prof. Dr. Wei Pan

State Key Laboratory of New Ceramics and Fine Processing, School of Materials Science & Engineering, Tsinghua University, Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam Mickiewicz University in Poznań, ul. Wszechnicy Piastowskiej 3, 61-614 Poznań, Poland

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