

Special Issue

Plasma Processing of Thin Films, Coatings, and Advanced Materials

Message from the Guest Editors

We would like to invite you to submit your work to this Special Issue on “Plasma Processing of Thin Films, Coatings, and Advanced Materials”. This Special Issue aims to introduce the latest experimental, computational, and theoretical developments in the field, through a series of original research papers and review articles from leading groups around the world. In particular, the topics of interest include but are not limited to:

- Fundamental understanding and new concepts of plasma-surface interactions;
- Novel plasma-based thin film deposition and material synthesis technology;
- Modeling and diagnostic methods of plasma surface processings;
- Implementation of plasma surface processings for research and industrial applications.

Guest Editors

Dr. Qihua Fan

1. Department of Chemical Engineering and Material Science, Michigan State University, East Lansing, MI 48824, USA

2. Department of Electrical Engineering and Computer Engineering, Michigan State University, East Lansing, MI 48824, USA

Dr. Bocong Zheng

Fraunhofer Center for Coatings and Diamond Technologies, East Lansing, MI 48824, USA

Deadline for manuscript submissions

closed (31 December 2021)



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/55097

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

[mdpi.com/journal/
coatings](https://mdpi.com/journal/coatings)





Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



[mdpi.com/journal/
coatings](https://mdpi.com/journal/coatings)



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

Author Benefits

Open Access

— free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Surfaces, Coatings and Films)