

# Special Issue

## Advanced Films and Coatings for Flexible Electronics

### Message from the Guest Editors

The increasing demands of highly integrated flexible devices are promoting the development of new materials, new designs, and new fabrications of not only main structures, but also the coatings of whole devices. The scopes of this Special Issue will serve as a forum for papers in the following areas:

- Material development with experimental research for device coatings in the areas of new synthesised materials, combinations of fillers and substrates, or others;
- Structures and designs of coatings of devices helping devices gain better performance;
- Fabrication procedures to improve coating properties, including, but not limited to, spray coating, CVD, PVD, and 3D printing;
- Extended/integrated functions of coatings and their corresponding applications, like lower impedance to gain better signals and development of films, coatings, or related materials for biomedical applications;
- Computer modelling and simulations of coatings in the areas of materials, structural designs, applications, etc.;
- Recent developments of coatings considering many areas, including, but not limited to, the materials, or the mechanical, electrical, and chemical properties.

### Guest Editors

Dr. Wen Hong

Department of Materials Science and Engineering, University of California, Los Angeles, CA, USA

Dr. Yubin Zhou

School of Pharmacy, and Dongguan Innovation Institute, Guangdong Medical University, Dongguan 523808, China

### Deadline for manuscript submissions

closed (10 March 2025)



## Coatings

an Open Access Journal  
by MDPI

Impact Factor 2.8  
CiteScore 5.4



[mdpi.com/si/211805](https://mdpi.com/si/211805)

*Coatings*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[coatings@mdpi.com](mailto: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)