

## Special Issue

# Advanced Films/Coatings for Energy Harvesting and Storage: Photocatalytic, Thermoelectric and Electrochromic Applications

### Message from the Guest Editor

This Special Issue will serve as a forum for papers addressing the following concepts:

- Theoretical and experimental research, knowledge, and new ideas in advanced films/coatings for energy harvesting and storage.
- Recent developments in multifunctional advanced films/coatings for energy harvesting and storage.
- Research on new photocatalytic, thermoelectric, and electrochromic film/coating materials, along with structural design optimization.
- The latest applications of advanced films/coatings for energy harvesting and storage in industrial fields.

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### Guest Editor

Dr. Tianhu Zhang

School of Civil Engineering and Mechanics, Yanshan University, Qinhuangdao 066004, China

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### Deadline for manuscript submissions

10 September 2026



## Coatings

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

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### 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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