

Special Issue

Advanced Coatings for Enhancing Properties and Applications of Organic/Inorganic Perovskite Solar Cells

Message from the Guest Editors

We invite you to submit a work to this Special Issue titled “Advanced Coatings for Enhancing Properties and Applications of Organic/Inorganic Perovskite Solar Cells”. This Special Issue will focus on technology used in perovskite thin films and organic/inorganic perovskite devices. Perovskite solar cells have garnered significant attention in recent years due to their impressive efficiency and potential for enabling low-cost manufacturing. To enhance the properties and application potential of organic/inorganic perovskite solar cells, various coatings can be employed. These coatings can serve multiple purposes, including improving stability, enhancing light absorption, and reducing charge recombination. We invite you to share your original research articles and reviews for inclusion in this Special Issue, the topics of interest in which include, but are not limited to, the following:

- Thin-film coatings for solar cells;
- Development of coatings for organics/inorganic perovskite devices;
- Optimization process of coatings in organic/inorganic perovskite devices

Guest Editors

Dr. Manuela Ferrara

ENEA (National Agency for New Technologies, Energy and Sustainable Economic Development), Energy Technologies and Renewable Sources Department, Rome, Italy

Dr. Anna De Girolamo Del Mauro

ENEA (National Agency for New Technologies, Energy and Sustainable Economic Development), Energy Technologies and Renewable Sources Department, Rome, Italy

Deadline for manuscript submissions

30 June 2025



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.0



mdpi.com/si/217408

Coatings

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 2.9
CiteScore 5.0



[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, CAPIus / SciFinder, and other databases.

Journal Rank:

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