

Special Issue

Laser Surface Treatments and Additive Manufacturing

Message from the Guest Editor

Laser surface processing mainly includes laser cladding, laser quenching, laser surface texture, laser surface alloying, etc. Among them, laser cladding is additive manufacturing, and several other technologies are subtractive manufacturing or equivalent material manufacturing. These techniques are widely used in industry. Exploring new phenomena, new mechanisms, and new applications in laser surface processing has received extensive attention from industry and academia. Therefore, we are launching a new Special Issue of Laser Surface Treatments and Additive Manufacturing to provide a communication channel for relevant researchers. This Special Issue will focus on the fundamental research and application research of the above-mentioned surface processing technologies. We look forward to receiving your contribution.

Guest Editor

Dr. Chen Zhang

The Institute of Technological Sciences, Wuhan University, Wuhan 430072, China

Deadline for manuscript submissions

closed (31 August 2023)



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/110166

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), Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

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