

Special Issue

Damage and Fracture of Composites

Message from the Guest Editors

Research articles and manuscripts which present the latest development and achievements in the field of damage and fracture behaviors of composites are welcome. Apart from the experimental works, the development or innovation in theoretical or numerical methods are recommended but not mandatory. Especially, the failure analysis of composite materials or structures in extreme environments is one of the focuses of this special issue. In particular, the topic of interest includes but is not limited to:

- Multi-scale modeling method
- Progressive damage analysis of laminate and textile composites
- Fracture mechanics of composite interfaces
- Buckling and post-buckling of composite structures
- Optimization design of composite materials and structures
- Aerospace engineering

Guest Editors

Prof. Dr. Chao Zhang

1. Joint International Research Laboratory of Impact Dynamics and Its Engineering Applications, Northwestern Polytechnical University, Xi'an 710072, China

2. School of Civil Aviation, Northwestern Polytechnical University, Taicang 215400, China

Prof. Dr. Zhangming Wu

1. Advanced Computational Mechanics Group, Cardiff School of Engineering, Cardiff University, CF10 3AT Cardiff, UK

2. Ningbo University, 315211 Ningbo, China

Deadline for manuscript submissions

closed (30 April 2022)



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/64681

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)