

## Special Issue

# Advanced Composite Materials: Forming, Processing, Assembly and Maintenance

### Message from the Guest Editors

This Special Issue focuses on advanced composite materials in aerospace, shipping, rail transit, and wind power. Regarding forming, it aims to develop precise techniques for creating complex shapes. Processing involves enhancing a material's properties through advanced methods, while assembly focuses on the reliable joining of parts, considering various factors. Maintenance aims to establish effective repair and inspection strategies. The goal is to bring together research relating to these areas, facilitating knowledge exchange and helping industries improve composite material utilization, driving innovation and technological progress to meet the high-performance demands of these sectors.

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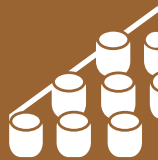
### Guest Editors

Dr. Zhenchao Qi  
Dr. Xingxing Wang  
Dr. Tengzhou Xu  
Dr. Chong Zhang  
Dr. Kai Jin

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### Deadline for manuscript submissions

20 July 2026



## Materials

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

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## About the Journal

### Message from the Editorial Board

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editors-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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