

## Special Issue

# Emerging Polymeric Materials and Its Versatile Application

### Message from the Guest Editor

Polymeric composite materials have fascinating applications in multiple sectors due to their improved physico-chemical properties. In recent years, there has been an emerging interest in the development of polymer-based nanocomposites in order to achieve desired properties in line with required applications. Reinforced polymeric nanocomposites with metals, metal nanoparticles, metal oxides, graphene, carbon nanotubes, clay, fibers, etc. exhibit improved opto-electronic, magnetic, and mechanical properties owing to their distinct interfacial properties and hence they are utilized for applications in various fields. This Special Issue considers the fabrication and characterization of emerging polymeric nanocomposites which are explored for various applications in bio-medicine, catalysis, bio-devices, sensors, fuel cells, environmental remediation, membrane technology, tissue/bone-engineering, and drug delivery vehicles with the objective of sharing the recent advanced trends of different polymeric nanocomposite materials and their perspectives for the future.

### Guest Editor

Prof. Dr. Hsieh-Chih Tsai

1. Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei 106, Taiwan
2. Advanced Membrane Materials Center, National Taiwan University of Science and Technology, Taipei 106, Taiwan

### Deadline for manuscript submissions

closed (15 November 2020)



## Polymers

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by MDPI

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



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

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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