



an Open Access Journal by MDPI

# **Multifunctional Smart Polymers and Polymeric Composites**

Guest Editors:

# Prof. Dr. Mohamad Fotouhi

School of Engineering, University of Glasgow, Glasgow G12 8QQ, UK

#### Dr. Hamed Yazdani Nezhad

Department of Mechanical Engineering and Aeronautics, University of London, London EC1V 0HB, UK

#### Dr. Han Zhang

School of Engineering and Materials Science, Queen Mary University of London, London, UK

Deadline for manuscript submissions: closed (20 October 2022)

#### Message from the Guest Editors

The invention of multifunctional polymers and polymeric composites (MPPC) was one of the most revolutionary steps in the field of materials. Recently, research on the underlying mechanisms of MPPC to an external stimulus (for example, heat, electricity, magnetism, light, and moisture) and structures has grown rapidly in different fields. Due to their novel properties, MPPC can address challenges in many applications such as automotive, aerospace, wind, and soft robotics. This Special Issue aims to provide a platform for communication and fast publications of high-quality original research and review papers for scientists working on different aspects of MPPC across the world. It includes but is not limited to the synthesis, processing, manufacturing, and practical applications of these materials. Different types of research (such as analytical, modeling, and experimental) on MPPC are welcomed.









an Open Access Journal by MDPI

### **Editor-in-Chief**

#### Prof. Dr. Alexander Böker

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

### Message from the Editor-in-Chief

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 highquality 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 5.0.

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.

# **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, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry )

### **Contact Us**

*Polymers* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/polymers polymers@mdpi.com X@Polymers\_MDPI