







an Open Access Journal by MDPI

Composite Hydrogels towards Next-Generation Functional Materials and Devices

Guest Editors:

Prof. Dr. Boxin Zhao

Department of Chemical Engineering, University of Waterloo, Waterloo, ON N2L 3G1, Canada

Prof. Dr. Bruce P. Lee

Department of Biomedical Engineering, Michigan Technological University, Houghton, MI 49931, USA

Prof. Dr. Wei Zhang

School of Materials Science and Engineering, Southeast University, Nanjing, China

Deadline for manuscript submissions:

15 June 2024

Message from the Guest Editors

Recognizing the importance and growing interests in composite hydrogels, we would like to invite you to submit your original work (a communication or a full paper) or a review article to this Special Issue. The topics of interest include but are not limited to biomedical hydrogels, conductive hydrogels, hydrogels for energy storage, sustainable hydrogels, hydrogel adhesives, hydrogel actuators, etc. All contributions on the design principles, chemistry, characterization, morphology, multifunctional properties, simulation and modeling relative to composite hydrogels, as well as those focused on the development of hydrogel-based or hydrogel-related functional materials and devices are welcome.













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 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 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 (Polymers and Plastics)

Contact Us