

Special Issue

Synthesis and Application of DN Hydrogels

Message from the Guest Editors

Double network (DN) hydrogels are a unique type of materials with excellent mechanical strength and toughness due to their strong interpenetrating chain entanglement, distinct network structures, and efficient energy dissipation. DN hydrogels have been found to be useful, as the structure-property relationship can be easily adapted and tuned for the respective applications. As such, several groups are actively involved in the design, synthesis, and applications of these materials. This Special Issue is dedicated to highlighting recent developments in the field; hence, we welcome reviews and papers highlighting new structures, mechanisms, simulations, and applications.

Guest Editors

Prof. Dr. Ravin Narain

Department of Chemical and Materials Engineering, Donadeo Innovation Centre for Engineering, Faculty of Engineering, University of Alberta, Edmonton, AB T6G 1H9, Canada

Prof. Dr. Costas S. Patrickios

Department on Chemistry, University of Cyprus, Nicosia, Cyprus

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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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 4.9.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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

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