

# Special Issue

## Dielectric Properties of Doped Hydrogels

### Message from the Guest Editor

Chemically doped hydrogels can be studied optically and dielectrically. Optically, the energy range of the produced materials can be obtained using UV-Vis spectrometry. The dielectric properties of doped hydrogels and polymeric materials can be measured using an impedance analyzer, and the obtained data can be used to determine the resistance-capacitor circuits of the materials. The doping ratios, production conditions, and measurement conditions of the materials are crucial when obtaining these data, and comparing both experimental and theoretical results is of great importance. This provides an opportunity for the use of these materials as new products. This Special Issue welcomes the submission of original research articles and comprehensive reviews reflecting recent breakthroughs in the dielectric properties of doped hydrogels.

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### Guest Editor

Prof. Dr. Orhan Yalçın

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### Deadline for manuscript submissions

28 July 2026



# Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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