

Special Issue

Holographic Materials and Photonic Applications

Message from the Guest Editor

Nowadays, photonic applications, such as sensors, holographic memories, solar concentrators, and optical elements, undergo quick development. These applications are increasing their complexity and need materials with new features; for example, a specific internal structure, low toxicity, and the ability to interact with specific molecules or analytes. In addition, new techniques and experimental procedures related to sample preparation, stabilization, bleaching, and manipulation of spacers are necessary. The aim of this Special Issue is to highlight the progress and fundamental aspects of holographic materials, photonic applications, and the experimental procedures involved. Interesting manuscripts for this Special Issue are related to one or more of these three main aspects. Therefore, in the materials scope, works on photopolymers, light sensitive materials, additives, nanomaterials and composites are welcome.

Guest Editor

Dr. Manuel Francisco Ortuño Sánchez

1. I.U. Física Aplicada a las Ciencias y las Tecnologías, Universidad de Alicante, P.O. Box 99, E-03080 Alicante, Spain
2. Department de Física, Ing. de Sistemas y Teoría de la Señal, Universidad de Alicante, P.O. Box 99, E-03080 Alicante, Spain

Deadline for manuscript submissions

closed (28 February 2019)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/14361

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

[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)





Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)



About the Journal

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 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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

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)