Special Issue

Agricultural Polymers and Functional Optical Materials

Message from the Guest Editors

As the most important window of energy exchange between facility agriculture and the outside world, the quality and function of greenhouse films attract more and more attention in recent years. Thus, lots of functional optical materials are introduced into greenhouse films to improve the modulation and conversion of sunlight wavelength and optimize the light environment of facility agriculture. The comprehensive utilization efficiency of sunlight can be improved greatly. The quality of agricultural products and carbon sequestration efficiency can be also improved. Furthermore, with the increasing awareness of environmental protection, the application of biodegradable polymer materials and natural polymer materials in agricultural waste has also become a research hotspot.

Special issue webpage:
https://www.mdpi.com/journal/polymers/special_issues/Agricultural_Polymers_Functional_Optical_Materials

Guest Editors

Dr. Jialei Liu

Key Laboratory of Prevention and Control of Residual Pollution in Agricultural Film, Ministry of Agriculture and Rural, Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Prof. Dr. Zeynel Seferoglu

Department of Chemistry, Faculty of Science, Gazi University, Yenimahalle, 06560 Ankara, Turkey

Deadline for manuscript submissions

closed (31 May 2024)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/108270

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

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

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)

MDPI