



Polymer Materials in Agriculture

Guest Editors:

Dr. You Liang

Co-Innovation Center for Modern Production Technology of Grain Crops, Jiangsu Key Laboratory of Crop Genetics and Physiology, Research Institute of Engineering Technology for Crop Industry, Yangzhou University, Yangzhou 225009, China

Dr. Yunhao Gao

College of Plant Protection, Nanjing Agricultural University, Nanjing 210095, China

Deadline for manuscript submissions:

closed (10 March 2023)

Message from the Guest Editors

Dear Colleagues,

Smart polymeric systems have contributed extensively to the agricultural industry by increasing the efficiency of pesticides and fertilizers with facilitating controlled release systems. This Special Issue offers a series of reviews, original research papers and opinion articles focusing on the broad agricultural applications using polymer carriers or polymer-based nanocomposites. We will also publish studies that explore the design and synthesis of stimuli-responsive smart polymeric systems for controlling the release of agrochemicals, soil conditioners, and RNA interference. For other related topics, authors should contact the Guest Editors before manuscript submission. The submitted manuscripts should fit the aims and scope of the journal *Polymers*. We look forward to receiving your contributions.

Dr. You Liang
Dr. Yunhao Gao
Guest Editors





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 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI