



## Polymers: Towards a Zero-Emission Development

Guest Editors:

### Dr. Araceli García

Organic Chemistry Department,  
Universidad de Córdoba, 14014  
Córdoba, Spain

### Dr. Antonio Pineda

Departamento de Química  
Orgánica, Universidad de  
Córdoba, Edificio Marie Curie (C-  
3), Ctra Nnal IV-A, Km 396, E14014  
Córdoba, Spain

Deadline for manuscript  
submissions:

**closed (31 August 2021)**

### Message from the Guest Editors

Recent environmental concerns have forced government and scientific institutions to direct/drive their efforts towards social consciousness of zero-emissions. Our society has been built on the basis of polymeric materials derived from fossil resources, which are gradually being replaced by other sustainable raw materials of renewable origin. In this framework of sustainable development, research on polymeric materials to reduce the environmental impact caused by due production processes with high pollutant emissions or fossil resources with low renewability is crucial.

This Special Issue of the *Polymers* encompasses this challenge, and will consider works on

- New polymeric substitutes of renewable origin whose use implies an actual reduction in environmental impact;
- Polymers whose production involves the development of novel methodologies capable of reducing the environmental impact of the chemical industry (such as capture of CO<sub>2</sub>, NO<sub>x</sub>, and other GHG or polluting molecules);

Polymeric formulations developed to reduce polluting effluents from industry (chelating agents, molecule scavengers, supported green catalysts, etc.).





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