

## Special Issue

# Conjugated Polymers for Bioimaging Applications

### Message from the Guest Editor

I am guest editing a Special Issue titled "Conjugated Polymers for Bioimaging Applications". In this Issue, I would like to present new results on the synthesis, preparation, physicochemical properties, and bioimaging applications of ultraviolet, visible, and near infrared (NIR)  $\pi$ -conjugated polymers, especially in the form of aqueous nanoparticles, the so-called conjugated polymer nanoparticles (CPNs), which have emerged as horizon nanomaterials for optical imaging. Special attention will be focussed on two aspects. The first aspect will cover the synthesis of new NIR conjugated polymers, along with new strategies to impart colloidal stability in water, such as nanoprecipitation, encapsulation, and functionalization, with hydrophilic groups, as well as their structural determination. The second aspect will cover new results on their in vitro and in vivo characterization as optical contrast agents, upon laser excitation, for optical imaging (fluorescence or photoacoustic response) in the ultraviolet, visible, and near infrared (700–1500 nm) wavelength parts of the electromagnetic spectrum.

### Guest Editor

Dr. Christos Chochos

National Hellenic Research Foundation (NHRF), 48 Vassileos Constantinou Avenue, 11635 Athens, Greece

### Deadline for manuscript submissions

closed (30 April 2021)



## Electronic Materials

an Open Access Journal  
by MDPI

CiteScore 3.9



[mdpi.com/si/46731](https://mdpi.com/si/46731)

*Electronic Materials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronicmat@mdpi.com](mailto:electronicmat@mdpi.com)

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





# Electronic Materials

---

an Open Access Journal  
by MDPI

---

CiteScore 3.9



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



## About the Journal

### Message from the Editor-in-Chief

I am delighted to introduce the new online open access journal *Electronic Materials* (ISSN 2673-3978). The aim of *Electronic Materials* is to publish high-quality and high-impact research papers, as well as review articles addressing recent advances in fundamental science, engineering, and practical applications of electronic materials. The interdisciplinary topics of the journal include materials science, device engineering, and the physics of electronic and magnetic properties. *Electronic Materials* also welcomes Special Issue proposals from academics and industrial researchers from all related fields. We encourage scientists and engineers worldwide to publish their innovative ideas and cutting-edge developments and technologies in the field of electronic materials.

The journal is now open for submission and the Editorial Team welcomes your manuscripts for publication.

---

### Editor-in-Chief

Prof. Dr. Wojciech Pisula

1. Max Planck Institute for Polymer Research, Ackermannweg 10, 55128 Mainz, Germany

2. Department of Molecular Physics, Faculty of Chemistry, Lodz University of Technology, Zeromskiego 116, 90-924 Lodz, Poland

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, Ei Compendex, and other databases.

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.6 days after submission; acceptance to publication is undertaken in 5.2 days (median values for papers published in this journal in the first half of 2025).