Special Issue

Advanced Electrically Conductive Polymers and Composites

Message from the Guest Editors

Electrically conductive polymers (ECPs) are interesting macromolecules suitable for utilization in biological applications. These materials have well-documented physicochemical, redox, mechanical, electrical, and optical absorption properties. Due to their organic nature, they are generally more biocompatible and biodegradable than inorganic semiconductors and metals. The systematic design of polymeric-based materials and (nano)composites incorporating electroactive components (e.g., polyaniline, polypyrrole, polythiophenes, etc.) facilitates their utilization in a broad spectrum of biomedical applications, including scaffolding and tissue engineering, biosensing, controlled drug release, phototherapies, theragnostics, bioactuators, and the development of medical devices, among other areas. This Special Issue is focused on the latest advancements and emerging trends that contribute to developing diverse biomedical applications using ECPs. We invite the submission of original articles that contain experimental research data, as well as comprehensive reviews.

Guest Editors

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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

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