Special Issue

Advances in Polymer Processing and Printing for Biomedical Applications

Message from the Guest Editors

In recent years, polymers and their blends and/or nanocomposites are widely explored for the fabrication of devices for biomedical applications. Both synthetic and natural polymers or their combination are widely explored in these emerging fields. Each kind of polymer presents its inherent processing-related advantages and disadvantages. Based on the final applications of the material, several processing strategies were recently developed and customed in order to face the challenging requirements of biomedical devices, including post-processing bulk or surface chemical/structural modification. This Special Issue aims to highlight the recent progress in polymer processing and printing approaches for biomedical applications either providing new insights about the interaction between processing, structure and properties of polymer or investigating hybrid technologies leading to advanced performances towards tissue engineering, drug release and biosensing applications. The latest research dealing with special biomedical application fields and/or proposing novel characterization protocols will also be of great interest.

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Deadline for manuscript submissions

closed (1 May 2022)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/79102

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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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