

## Special Issue

# Polymer-Based Colorimetric and Electrochemical Sensors for Practical Applications

### Message from the Guest Editors

Polymeric materials and sensing devices undoubtedly represent two of the hottest research topics in recent years; among all the fields of application, polymer-based sensors represent the best candidate for devices aiming at a practical application in real life, such as on-line monitoring, real-time detection or, more generally, scalable, low-cost and disposable devices. The pros of polymer-based devices are usually coupled with colorimetric and electrochemical detection, since these techniques do not require expensive and bulky instruments, trained staff or sample destruction, while ensuring reliable and easy-to-interpret results. An additional improvement is generally achieved by applying chemometric techniques for devices' development (design of experiments) and data analysis (multivariate techniques), especially in the case of complex real samples. In light of the above, this Special Issue aims to collect the latest ground-breaking developments in the field of polymer-based colorimetric and electrochemical sensors, with a focus on practical applications or dealing with/solving real-life problems, however silly or unimportant they may sound.

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### Guest Editors

Dr. Lisa Rita Magnaghi

Dr. Raffaella Biesuz

Dr. Giancarla Alberti

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### Deadline for manuscript submissions

closed (25 March 2024)



## Polymers

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## About the Journal

### 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 4.9.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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