Special Issue

Immobilization of Enzyme in Polymers

Message from the Guest Editor

Enzyme immobilization is one of the widespread modern industrial biotechnologies. Since the commercial use of the first immobilized enzymes in the 1960s, enzyme immobilization technologies and theories as well as immobilization materials and chemistry have rapid development. The enzyme immobilization allows to achieve more stable, active, and reusable biocatalysts. However, the choice of immobilization matrices is often empirical, and it is needed to be improved and standardized by the application of modern methods such as in silico design, protein and engineering. Also, the rationalization of the immobilization procedure, i.g. pH and temperature, has a significant impact on the activity of the creating catalysts. For many enzymes and , these problems remain unresolved, and this Special Issue is intended to enhance theoretical and practical knowledge in the field of enzyme immobilization on various . This Special Issue welcomes full papers and short communications highlighting the aspects of the current trends in the area of the enzymes immobilized on .

Guest Editor

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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 4.9.

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.

Editor-in-Chief

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