Special Issue

Polymer- and Biomacromolecule-Based Biomimetic Underwater Adhesives

Message from the Guest Editor

Biomimetic underwater adhesives have emerged as a focus of extensive recent research, positioning themselves at the forefront of materials science. From a fundamental research perspective, significant advances in adhesion mechanisms and synthetic strategies have established a crucial foundation for developing material systems with optimized performance. From an application standpoint, high-strength underwater adhesive materials offer substantial potential for the maintenance and reinforcement of underwater structures, significantly enhancing their stability and durability. Furthermore, the development of biocompatible underwater adhesives promises to revolutionize clinical surgery by facilitating the transition from traditional invasive wound-closure methods to advanced suture-less tissue sealing and repair techniques. This Special Issue aims to collect original research articles and reviews that provide new insights and highlight recent achievements in underwater adhesives.

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 4.7.

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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