

Special Issue

Recent Advances of Polymer Lasers and Optical Applications

Message from the Guest Editor

Polymer materials, due to their good plasticity, low cost, excellent biocompatibility, lightweight, corrosion resistance, can be used to prepare microcavity structures of different shapes to meet the preparation of various optoelectronic integrated devices. This Special Issue highlights the latest advancement in polymer lasers design, micro/nano lasers, and optical sensing and application, such as laser display, communication, optical imaging, biological detection, optical sensing, and wearable photonic devices. The unique properties of polymer lasers including biocompatibility and tunable make them ideal materials for next-generation photonic devices. From the perspective of wearable devices, the flexibility and portability of polymer lasers enable them to perfectly adhere to clothing or human skin, providing a stable light source for wearable optical biosensors and enabling real-time monitoring of human physiological parameters.

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

Prof. Dr. Alexander Böker

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