Special Issue

Laser Treatment of High-Polymer Materials

Message from the Guest Editors

Laser treatment is a flexible and potential method for obtaining a wide range of controlled physical and chemical modifications of high-polymer materials. Lasers generating wavelengths ranging from ultraviolet to infrared spectra, with pulse durations from nanosecond, picosecond to femtosecond temporal domains, can be used for ablation, patterning, inducing various surface modifications of polymers in the micro- and nanoscales, and for fine transferring of polymeric materials from bulk to thin films. Processing with various laser techniques leads to extending the applications of high polymers in almost all industrial, technological, biotechnological and biomedicine fields, e.g., semiconductor manufacturing and coatings, aircraft constructions, waveguides, storage devices, optoelectronic devices, sensors and biosensors, and neural implants and neural interface devices in neural prostheses and hybrid bionic systems. It is our pleasure to invite you to submit a manuscript to this Special Issue. Full papers and reviews would be greatly appreciated.

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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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