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State-of-the-Art Photopolymerization Technology

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Deadline for manuscript submissions:
closed (30 September 2021)

Message from the Guest Editor

Photopolymerization has a number of features (low energy consumption, high speed of process, low emission of harmful gas, etc.) that make it distinguishable from other polymerization methods, e.g. thermal polymerization. These unique advantages of photochemically initiated polymerization have contributed to many wide applications like adhesives and sealants, coatings and surface modifications, electronic, printing, and optical materials, as well as in advanced technologies such as holographic data storage, micro- or nanolithography, rapid high-resolution prototyping 3D and 4D printing and especially in biomedical applications like dentistry, tissue engineering, drug delivery systems, with promising uses in protein and gene delivery.

Increasingly newer and demanding areas of photopolymerization applications encourage to search for compatible, effective photoinitiators systems, tailor-made monomers, and modifiers. This special issue aims to provide insights into the current research and developments in the field of photopolymerization in modern applications areas, both in the preparation of polymers, modified polymeric materials, and initiating systems.

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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 5.0.

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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