



Development in Photoactive Polymeric Materials

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Message from the Guest Editor

Photoactive polymeric material refers to a type of polymer which can transmit, absorb, store and convert light, thus demonstrating various special properties. From the perspective of their action mechanisms, they can be divided into photophysical materials and photochemical materials. In recent years, photoactive polymeric materials have attracted wide attention and shown high application potential. This Special Issue covers all photoactive polymeric materials, including but not limited to photocrosslinking, photodecomposition, photopolymerization, photoisomerism, photocatalysis, nonlinear optics, optoelectronics and other aspects related to polymers. Articles concerning the synthesis, characterization, mechanisms and application of new photoactive polymeric materials all fall within the scope of this Issue. Applications encompassed may include, but are not limited to, 3D printing, photoactive biomedical polymers, photo-responsive polymer, photosensitive coatings, photoresist, photostabilizers, polymer fluorescent, organic solar cells, photothermal conversion, photoconductive polymer, photochromic polymer, optical sensing, etc.





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Message from the Editor-in-Chief

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