



polymers



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Conducting Polymers for Advanced Applications Volume II

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Message from the Guest Editor

Conducting polymers are an important new generation of materials that can combine high conductivity levels with the easy processability of conventional/insulating polymers. The fine-tuning of their opto-electronic properties through controlling doping levels and rational molecular design enables applications in diverse fields, from the biomedical (as actuators to artificial muscles, biosensors, tissue engineering, etc.), to energy-related areas (as batteries, organic photovoltaic cells, and supercapacitors), and thin-film electronics (printed electronic devices, organic light-emitting diodes, sensors, organic field-effect transistors, electrochromic devices, etc.).

This Special Issue aims to update the progress on the design and synthesis of conducting polymers, including semiconducting polymers, as well as on elucidating polymer structure-properties, targeting advances in relevant applications. Both reviews and original research articles are welcome.



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Special Issue



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Message from the Editor-in-Chief

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