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Conductive Polymers: Materials and Applications

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Message from the Guest Editor

This Special Issue is intended to cover the latest advances and developments in the synthesis, characterization, structure-properties relationship and applications of electrically conducting polymers, with particular attention to the role of nanosized shape and the properties of novel CP-inorganic hybrid composite nanostructures. Topics including, but not limiting to, synthesis, characterization and properties study of new conducting polymers from novel functionalized monomer derivatives, development of methods for controlled growth of nanostructures (interfacial, micellar, templated, molecularly imprinted or other structure-directing polymerization), novel hybrid CP composite nanoarchitectures with metal oxide nanoparticles, carbon materials or clays and applications of the above materials in the fields of optoelectronics, energy production and storage, environment, sensing, and so on, are all welcome.

It is my pleasure to invite you to contribute to this Special Issue. Original, high-quality research articles and reviews are encouraged for submission.



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Special Issue



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Message from the Editor-in-Chief

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