Special Issue

Advanced Conducting and Semiconducting Polymers for Energy Applications

Message from the Guest Editor

Conjugated conducting/semiconducting polymers have attracted incredible attention in device applications. Electrical conductivity, ionic conductivity, optical transparency, and mechanical flexibility are just a few of the many desirable characteristics of conjugated polymers. Due to these characteristics, conjugated polymers reveal a promising performance in various applications, including photovoltaics, electrochemical energy storage devices, thermoelectric, flexible optoelectronic devices, biosensors, wearable electronics, and tissue engineering. This Special Issue aims to collect original research and review articles on device integration based on conjugated polymers. Also, the fundamental experimental and theoretical study on different characteristic aspects of conjugated polymers will be considered.

Guest Editor

Dr. Meysam Heydari Gharahcheshmeh
Department of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, MA 02139, USA

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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