

Special Issue

Spectroscopy of Conducting Polymers

Message from the Guest Editor

Conducting polymers, such as polyaniline, polypyrrole, polythiophene, PEDOT, polyphenylenediamine, various copolymers and related substances are promising and widely studied materials with potential applications in electronics, energy storage, photonics, catalysis, biomedical applications, etc. They are often easy to prepare; affordable; available in variety of forms including coatings or nanoparticles; electroactive; conducting and colored. The understanding of the formation, function and stability of any material depends upon spectroscopic data. The information on molecular structure, interactions, conformations, mobility, etc. as results of spectroscopic analyses help elucidate macroscopic aspects of the materials. The upcoming Special Issue of Applied Sciences will focus on characterization of conducting polymers and related materials with a variety of spectroscopic techniques, including but not limited to vibrational spectroscopy, NMR, EPR, UV–Vis and XRD.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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