



Spectroscopy of Conducting Polymers

Guest Editor:

Dr. Zuzana Morávková

The Czech Academy of Sciences,
Institute of Macromolecular
Chemistry, 16206 Prague 6, Czech
Republic

Deadline for manuscript
submissions:

closed (30 April 2020)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Zuzana Morávková
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)