

Special Issue

Electrochemical Spectroscopies in Organic Electronics: Theory, Methods, Applications

Message from the Guest Editor

Organic electronics applications are envisioned to address a broad market, leading to a tremendous amount of interest from both academia and industry in the study of devices that cover physics, chemistry, biology, and materials science, using new synthesized organic materials – organic semiconductors. On the other hand, we face the situation when the available organic electronics applications lack sometimes the theoretical background. The cause may be the complicated properties of disordered, weakly bonded molecular materials with properties different from their inorganic counterparts. One of the basic information-rich resources is the electronic structure of organic semiconductors, with both native and defect states, as well as excited states elucidated by the methods, hardly possible to be transferred from the branch of inorganic semiconductors, enabling the introduction of principles of gap engineering to the branch of organic electronics [x]. [x] F. Schauer: Electronic structure spectroscopy of organic semiconductors by Energy Resolved – Electrochemical Impedance Spectroscopy (ER-EIS), *J. Appl. Phys.* 2020, 128, 150902

Guest Editor

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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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