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Recent Advances in Optoelectronics: Organic/Hybrid Materials and Devices

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Deadline for manuscript submissions:
closed (30 November 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue is intended to serve as a forum of discussion on the recent progress in the field of materials and devices for optoelectronic applications. It will cover both the theoretical and experimental aspects of this multidisciplinary field of research that span from the design, synthesis, and characterization of novel organic and hybrid functional materials, to the design and performance characterization of devices at the forefront of chemistry, physics, and engineering. Even though real life applications of organic materials in different sectors are still premature, recent scientific progress in the field in terms of materials stability and device lifetime still indicates that they are highly promising for the development of robust technologies for energy harvesting, conversion and storage, energy saving, light switch, and electron and ion transport.

You are invited to contribute to this Special Issue with high-quality papers that represent a pivotal point in the aforementioned technological fields.

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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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