

Special Issue

Novel Organic-Inorganic Photovoltaic Materials

Message from the Guest Editors

Photovoltaic(PV) systems based on novel organic/inorganic semiconductors offer exciting technological applications due to their high versatility and low manufacturing cost, ideally based on coating of patterned electrodes/semiconductors in a printable fashion. In this framework, the quest for combined efficiency, stability, and low cost of materials, becomes crucial for the development of viable PV products. This Special Issue welcomes original research as well as review articles aiming to focus on the latest research and achievements linking the three aforementioned key parameters—efficiency, stability and scalability—with all those novel organic/inorganic materials being synthesized and investigated at present, for application in the field of energy conversion. Topics may include (among others): D/A materials and interface optimization Thermal and light stability of photovoltaic materials; moisture an oxygen; encapsulation methods Photovoltaic active layer morphology Organic/inorganic PV materials scalability Green synthesis and process of materials Organic and/or inorganic semiconductors synthesis, deposition, and characterization

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About the Journal

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.

Editor-in-Chief

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