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

Guest Editors

Dr. Laura Ciammaruchi

Eni S.p.A - Renewable Energy and Material Science Research Center (DE-R&D) via G. Fauser 4, 28100 Novara, Italy

Prof. Dr. Beatriz Romero Herrero

Escuela Superior de Ciencias Experimentales y Tecnología, Universidad Rey Juan Carlos, 28933 Móstoles, Madrid, Spain

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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