



New Type Solar Energy Materials and Devices

Guest Editors:

Dr. Renyuan Li

Environmental Nanotechnology
Lab, King Abdullah University of
Science and Technology, Thuwal,
Saudi Arabia

Prof. Dr. Yuchao Wang

School of Chemical Engineering,
Dalian University of Technology,
Dalian 116024, Liaoning, China

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Message from the Guest Editors

Due to the strong interconnections with the most fundamental components, such as food, water, and transportation, energy is playing an irreplaceable role in maintaining the functionality of the modern society.

Given its free availability and abundance, solar energy is known as one of the most important types of renewable energy and has demonstrated immense potential towards the world's future energy demands with a minimized carbon footprint. The use of solar energy is offering the world a series of opportunities when it comes to shaping the future of the coming generations and stimulating the development of advanced hybrid technologies in multiple fields for the future world such as water, energy, food, transportation, waste management, etc.

In this Special Issue entitled “New Type of Solar Energy Materials and Devices”, we invite submissions of cutting-edge research on both theoretical and experimental studies interrelated to materials, devices, processes, and strategies for the utilization of solar energy.





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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.

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Applied Sciences Editorial Office
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