Special Issue

State-of-the-Art Solar Cells

Message from the Guest Editor

Recently, as part of a worldwide trend towards renewable energy, solar cells have established themselves as a promising renewable energy due to their rapid technological development and cost reduction. Solar cells studies have been conducted with the priority of improving efficiency and stability, utilizing technologies from various industries, such as the semiconductor and display industries. Consequently, the efficiency of solar cells, close to the limit theory, has been recorded. For example, solar cells using organic–inorganic hybrid perovskite materials have achieved rapid efficiency improvement, recording the highest efficiency of 25.5% as well as typical commercialized Si solar cells, recording the highest efficiency of 26.7%. This Special Issue, “State of the art solar cells”, aims to reflect recent developments in photovoltaic field included organic or inorganic or hybrid materials, and to present new advances and state of the art in solar cells that enable the development of future solar cells.

Guest Editor

Prof. Dr. JungYup Yang

Department of Physics, Kunsan National University, Gunsan-si 54150, Korea

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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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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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