Special Issue

Advances in Solar Energy Materials and Solar Energy Systems

Message from the Guest Editors

Solar energy is a major renewable energy resource. To meet the zero-carbon emission goal, therefore, there is a dire requirement to develop better solar energy systems that could harvest the energy from the sun and convert it into a useful form of energy. The available solar energy technologies have shown successful trends; however, the low efficiency of solar energy systems still remains a challenge to be solved. This problem could be overcome with the help of advanced solar energy materials and by developing methods that could provide better thermal management in solar energy systems. The current Special Issue is designed to publish such advances in the field of solar energy materials and solar energy systems. We invite original research works, review articles, experimental and numerical advances in the field that show promising developments in the field. Papers from active groups in this area will be considered from all over the world for possible publication in this Special Issue.

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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