

Special Issue

Advances in Functional Materials for Photovoltaics in Energy Applications

Message from the Guest Editor

In order to harness solar energy more efficiently, the development and application of functional materials for photovoltaics stand at the forefront of technological advancement. As the demand for renewable energy sources increases, so does the need for more efficient, durable, and economically viable photovoltaic systems. This Special Issue, entitled "Advances in Functional Materials for Diverse Solar Energy Applications," welcomes the submission of pioneering research and review articles that highlight breakthroughs in materials science and could revolutionize the efficiency and functionality of solar panels and systems, as well as enhance the capabilities of solar thermal and CSP technologies. From organic and inorganic materials to hybrid composites and nanotechnology, this Special Issue will cover a broad range of innovations tailored to enhance the efficiency of solar energy conversion and integrate solar technology into diverse applications.

Guest Editor

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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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