



materials



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Advanced Energy Materials for Solar Cells, Photocatalysis, and Optoelectronic Devices

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Deadline for manuscript
submissions:

closed (10 October 2023)

Message from the Guest Editor

Dear Colleagues,

The dual pressure of energy crisis and environmental pollution is driving people to pay special attention to cost-effective and environmentally friendly energy resources. Among these types of renewable energy, solar energy has the largest potential owing to its wide-range coverage and environmental friendliness. In the last few decades, the development and use of solar energy have received tremendous attention and become a hot research topic. The evolution of new functional materials enhances technological advancement in modern-day society, and it has been observed in the past that advanced energy materials play an essential role in technological development. All kinds of materials have been developed and used in the field of energy conversion. This Special Issue focuses on materials related to solar cells, photocatalysis, and optoelectronic devices in research. We warmly welcome contributions of manuscripts reporting the development of all kinds of advanced energy materials, insights into energy conversion, as well as materials characterization.

Dr. Zhonglin Du
Guest Editor



mdpi.com/si/123900

Special Issue



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Message from the Editor-in-Chief

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