Special Issue

Perovskite Photovoltaics and Optoelectronics: Latest Advances and Prospects

Message from the Guest Editors

Dear colleagues,

Organic–inorganic hybrid halide perovskite materials have emerged as the most promising and low-cost energy-harvesting materials for various optoelectronic device applications. This present Special Issue intends to highlight the latest advances and prospects in perovskite photovoltaics and optoelectronics. These include the latest advances in new perovskite photovoltaics, such as new perovskite materials as well as perovskite-based single-junction, and also the latest advances in perovskite optoelectronics.

We invite researchers to contribute original research or review articles related to the latest advances and prospects in perovskite photovoltaics and optoelectronics. Potential topics include, but are not limited to, the following:

- Optical properties of perovskite materials.
- New perovskite materials, e.g., 2D and lead-free.
- Stability of perovskite materials.
- Perovskite-based single-junction and tandem solar cells.
- Perovskite quantum dot solar cells.
- Perovskite light-emitting diodes and photodetectors.

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Deadline for manuscript submissions

closed (20 May 2024)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/139079

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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

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