Special Issue

Research in Perovskite Films

Message from the Guest Editors

Perovskites have been one of the most important emerging research fields in recent years. This Special Issue focuses on perovskite materials, large-area perovskite solar modules, interface engineering, transport materials, stability and encapsulation, and lead-free perovskite devices. From crystallization regulation to scalable fabrication, various types of perovskite solar cells show significant potential and have found extensive applications as BIPV and indoor photovoltaic devices. In this Special Issue, contributions on several topics are welcome :

- Structural understanding of perovskite.
- Novel transport materials design and synthesis.
- Perovskite crystal growth.
- Large-area perovskite solar modules.
- Lead-free perovskite materials and devices.

Experimental and theoretical contributions, as well as related progress summaries and perspectives, are all welcome.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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