Special Issue on New Energy Materials

Call for Papers

Multiple geophysical and social pressures are forcing a shift from fossil fuels to renewable and sustainable energy sources. To effect this change, we must create the materials that will support emergent energy technologies. Therefore, clean and renewable energy materials as well as their devices are urgently demanded, which are the key and foundation to realize the transformation and utilization of new energy. The developments of energy storage and conversion techniques strongly depend on the achievements of material science. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of New Energy Materials.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore New Energy Materials. In this special issue, potential topics include, but are not limited to:

- Novel energy materials characterization and analysis techniques
- Theoretical calculation and simulation regarding novel energy devices
- Nanostructured fabrication and integration processes for energy devices
- Photoelectrochemical and photocatalytic solar-energy harvesting and storage
- Interfaces in solid oxide fuel cells
- Other energy saving and storage materials/techniques

Authors should read over the journal’s For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal’s Paper Submission System.

Please kindly specify the “Special Issue” under your manuscript title. The research field “Special Issue - New Energy Materials” should be selected during your submission.

Special Issue timetable:

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Guest Editor:

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