



Materials for Energy Applications

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Message from the Guest Editor

Dear Colleagues,

Materials for energy applications are used to facilitate the transition to a sustainable energy system, which can make notable contributions to the field of energy applications using functional materials. Materials for energy harvesting can convert solar energy into electricity or chemical fuels, such as hydrogen or methanol. Materials for energy transport and storage can deal with storage of both electric energy in batteries and supercapacitors, and of chemical fuels, such as hydrogen. Fuel cells and thermoelectric materials can be used for energy conversion.

This Special Issue of the *International Journal of Molecular Science* will, thus, aim at presenting the most recent findings in the field of materials for energy applications. We invite the contribution of reviews papers and/or original research papers, which focus more on "molecular" or "applications" aspects of materials in this field.

Keywords:

- Energy material
- Photocatalyst
- Secondary battery
- Hydrogen storage materials
- Sustainable materials
- Renewable resources





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Message from the Editor-in-Chief

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