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## Materials for the Renewable Technologies: Challenges, Opportunities and Recent Advances

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Deadline for manuscript  
submissions:

**closed (31 January 2024)**

### Message from the Guest Editors

Dear Colleagues,

We invite all researchers to publish their original research, whether it is purely fundamental or application-oriented, in the forms of research papers, reviews, or short communications. The proposed topics are listed below.

- Supercapacitors.
- Photovoltaic Cells.
- Fuel cells (including polymer electrolyte membrane, molten salt, solid oxide fuel cells etc.).
- Lithium batteries (including Li-ion, Li-sulfur, Li-metal, Li-air, all-solid-state batteries etc.).
- Beyond lithium batteries (including different chemistries such as Na, K, Mg, Al Batteries).
- Redox flow batteries.
- Renewable technologies recycling.

We kindly invite you to submit your relevant work in the field of “Materials for the Renewable Technologies: Challenges, Opportunities and Recent Advances” for consideration for publication.

Dr. Maziar Ashuri

Dr. Zhao Ding

*Guest Editors*



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# Special Issue



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## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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