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## Development of New Energy Materials/Devices and Their Safety

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### **Message from the Guest Editors**

As the energy structure of the world transitions from fossil fuels to renewable energy, new energy and its devices such as lithium-ion cells, hydrogen energy, and supercapacitors are playing a significant role in areas of production and daily living. To achieve more competitive performances, new energy materials and devices with more advanced features are being continuously researched and proposed. Further, new energy and its devices' safety also deserve more attention considering the frequent occurrence of new energy-related safety accidents. Only new energy and its devices with both competitive electrochemical and safety performances can be approved by the market and better serve the community.

Topics of interest for publication include, but are not limited to:

- Recent advances in new energy materials and devices.
- The application of new energy and its devices.
- New energy and its devices' safety.
- The inherent safety of new energy materials.
- The thermal management of new energy systems.
- The hazard signaling of new energy and its devices.
- Countermeasures for new energy and its devices' disaster.

Deadline for manuscript submissions:

**closed (19 November 2023)**



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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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