Special Issue

Advanced Power Electronics and Intelligent Wireless Power Transfer System

Message from the Guest Editors

We would like to invite you to submit original research and review articles to a Special Issue on the topic of "Advanced Power Electronics and Intelligent Wireless Power Transfer System" in ***Energies (IF: 3.004, ISSN 1996-1073).*** Power electronic technology has been widely used in new energy systems, energy storage systems, aerospace and other fields due to its great characteristics, which plays a crucial role in efficient conversion and utilization of electric energy. However, the operation range of power converter gradually faces the challenge of wide input voltage, wide output voltage and wide output load, and its operating characteristics are greatly affected. This Special Issue will include, but is not limited to, the following topics:

- Power conversion topology and control technology;
- Soft switch range extension technology;
- Converter dynamics and control design;
- Intelligent design and control technology;
- Wireless power transfer technology;
- Energy harvesting technology;

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2023)

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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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