Special Issue

Wireless Charging Technologies for Electric Vehicles

Message from the Guest Editors

Wireless charging is a safe, convenient, and efficient way to replenish electric energy, and it has been applied in many fields such as electric vehicles, rail transportation, aerospace, industrial applications, consumer electronics, biomedical applications, and so on, accelerating the unmanned and intelligent process of electrical equipment. Under the premise that principle demonstration and function realization are basically completed, the high efficiency, high power density, complex working condition adaptability, electromagnetic compatibility, safety, economy, interoperability, standardization, and other aspects of the performance of the wireless charging system still need to be improved. This Special Issue aims to publish the most up-to-date original developments in wireless charging systems for transportation applications. Original research findings, practical contributions, surveys, and state-of-the-art tutorials are welcome.

Guest Editors

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Deadline for manuscript submissions

15 November 2025

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/203011

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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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