

Special Issue

Recent Advances of Renewable Energy in Power Systems

Message from the Guest Editors

This Special Issue presents the latest advancements, research findings, and emerging challenges in the fields of power electronics, energy systems, and communication technologies. Its primary goal is to promote the dissemination of contemporary research outputs related to future power systems across the following subjects:

- Power electronics and control systems.
- Electrical machines and drives in renewable energy conversion.
- Control systems of renewable energy systems.
- Electric vehicles, Energy storage systems and interoperability.
- Power generation, transmission, and distribution.
- Conventional and renewable energy systems.
- Microgrids and smart grids.
- Communication systems and technologies.
- Artificial intelligence applications in power systems.
- Digital transformation in future power systems.
- Power-to-X applications.

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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