

Special Issue

Advances in Inverter-Based Resource-Rich Renewable Energy Power Systems

Message from the Guest Editors

this Special Issue will focus on advanced technologies for operating IBR-rich renewable energy power systems (REPSs). Topics of interest include, but are not limited to, the following: Topic 1: Stability analyses and control methods for IBR-rich REPSs; Topic 2: Resilience-oriented coordinated energy management of IBR-rich REPSs; Topic 3. Flexible resource aggregation for accommodating increasing IBR-based renewables; Topic 4: Advanced artificial intelligence (AI) applications for operating IBR-rich REPSs; Topic 5: Emerging system services and market designs for IBR-rich REPSs.

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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 guestedited by leading experts in selected topics of interest.

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