

Special Issue

Emerging Technologies and Applications in Low-Carbon Energy Systems

Message from the Guest Editors

With the increasing environmental pollution and energy crisis, low-carbon energy systems have become the only choice for the future. A low-carbon energy system is mainly characterized by multiple kinds of energy and a high ratio of renewable energy. It takes electrical energy as the core to integrate various energy forms in the scene, and uses integrated multi-energy conversion equipment as a means to achieve efficient conversion between various energy sources. To unleash the energy-saving and carbon-reduction potential of such a high-integrated energy system, the collaboration of the latest technologies in various disciplines is required, including materials science, automatic control, artificial intelligence, management, etc. This Special Issue aims to provide timely solutions for emerging scientific and technical challenges in low-carbon energy systems. Original, high-quality technical papers, as well as state-of-the-art survey papers and tutorials, are invited for submission.

Guest Editors

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Deadline for manuscript submissions

closed (15 August 2023)



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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.

Editor-in-Chief

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