

Special Issue

Advanced Control Techniques of Power Electronics

Message from the Guest Editors

For many years, the development of electronics has been continuously accelerating, and its adoption and all-around use have taken on entirely new dimensions. Power electronics have a direct impact on the energy supplied to power all other devices, as well as its quality, reliability, and availability of energy. Scientific research on obtaining energy from renewable sources is significantly accelerating, the results of which are becoming increasingly important, both for countries but also for individual people. As responsible researchers, we must ensure communities have a chance to meet the CO2 emission targets, which additionally affects the value of power electronics development. Reliability of power systems, high efficiency, low maintenance costs, and reliable operation in various conditions have become an important issue. In this Special Issue, we would like to cover topics that are important for power electronics-based systems, energy conversion, energy harvesting and recovery, improving energy utilization, and other energy-related aspects.

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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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