

Special Issue

Power Quality and Power Electronics Systems in Electromobility

Message from the Guest Editors

Issues related to the subject of this Special Issue include, but are not limited to, the following: - modeling of power electronics components in EV environments, - battery management systems in EV, - energy efficiency and power quality during EV charging, - new concepts, methods, and circuits for control systems of EV motors, - energy efficient power converters for EVs, - V2L and V2G technologies. Power electronics is essential for EV development and operation. Through innovative technologies, it enables efficient vehicle power, environmental friendliness, and future integration with smart grids.

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About the Journal

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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 guest-edited by leading experts in selected topics of interest.

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