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*Special Issue Reprint*

## **Power Converters, Electric Drives and Energy Storage Systems for Electrified Transportation and Smart Grid**

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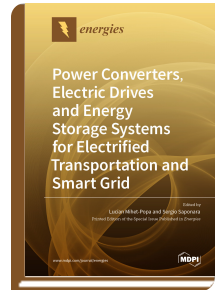
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This book is a printed version of the Special Issue entitled “Power Converters, Electric Drives and Energy Storage Systems for Electrified Transportation and Smart Grid” on MDPI *Energies* journal. It presents 10 accepted papers from 18 submitted, as well as an Editorial, with authors from Europe, US, Asia, and Africa. The published papers are related to the emerging trends in solar power, energy storage, electric drives, and power electronic converters based on specific optimization and control methods and algorithms, with focus on electric vehicles and charging stations-based RES towards smart/micro grids. An extensive exploitation of renewable energy sources is foreseen for smart grid, as well as a close integration with the energy storage and recharging issues of the electrified transportation systems.



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