

## Special Issue

# Microgrids Integrating Renewable Energy Sources, Fuel Cells and Plug-In Hybrid Electric Vehicles

### Message from the Guest Editors

Generation and management of distributed electricity using Fuel Cell (FC) / Renewable Microgrids integrating FC / Electric Hybrid Vehicles represents a challenging and feasible opportunity for the next decade to reduce CO<sub>2</sub> emissions if the potential of hydrogen and renewable energy are used effectively using advanced Control Techniques and Energy Management Strategies. Thus, a limitation of global warming to 2 °C can be achieved by replacing fossil fuels with hydrogen-based energy and renewable sources. In this Special Issue, entitled “Control Techniques and Energy Management Strategies for Fuel Cell (FC) / Renewable Microgrids integrating FC / Electric Hybrid Vehicles”, the latest proposals and paradigms based on by the keywords below related to hybrid microgrid integrating FC / Electric Hybrid Vehicles will be collected. The present Special Issue aims to include innovative Control Techniques and Energy Management Strategies for power converters and experimental research in FC / Renewable Microgrids supported by appropriate modeling and design.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2022)



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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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### Editor-in-Chief

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