

## Special Issue

# Electric Vehicles in a Smart Grid Environment

### Message from the Guest Editor

Transportation electrification is a revolution that will shape the current transportation sector and make it more efficient and environmentally friendly. However, challenges related to range anxiety, charging time, charging infrastructure, and grid impact need to be tackled to enable large-scale deployment. The proper planning and operation of electric vehicles and charging infrastructure has the potential to help to overcome these challenges. Toward this purpose, innovative papers related to electric vehicles, charging infrastructure, planning, optimization, grid impacts and mitigation, grid integration, smart charging and management, ancillary services (V2X), and deployment activities on electric vehicles are welcomed in this Special Issue. The fields of application can range from microvehicles to electric trucks, trains, ships, and airplanes.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2022)



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## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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