

## Special Issue

# Grid Integrated Electric Vehicles

### Message from the Guest Editor

Electric vehicles have become increasingly attractive due to their associated CO<sub>2</sub> reduction and their environmental benefits. The transport sector is moving towards electric mobility and a green future, developing sustainable and efficient energy. Electric vehicle manufacturers have been continuously trying to introduce their latest electric vehicle generations to the smart grid. The large deployment of EVs and the integration of renewable energy resources into smart grids can lead to major issues for power system networks. This Special Issue explores the potential of electric vehicles to contribute to the transformation of transport; the required infrastructure for electric vehicle charging, addressing the major charging issues and providing future solutions and developments in the field of electric vehicle technology; economic concerns; energy efficiency; charging strategies; and public transportation. Prospective authors are invited to submit their articles with original contributions for review and possible publication in this Special Issue.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 October 2020)



## World Electric Vehicle Journal

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## About the Journal

### Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

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### Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).