

## Special Issue

# Advanced Optimization and Control Strategies of Electric Vehicles and Green Energy Systems

### Message from the Guest Editors

This Special Issue will cover promising, recent, and novel research trends in the optimization and control strategies of electric vehicles and green energy systems to help address potential difficulties and challenges in green-energy-based transportation electrification. Authors are encouraged to submit original research and review articles with theoretical, methodological, or practical focuses. Topics of interest for publication include, but are not limited to:

- Advanced optimal planning and operation methods for promoting green energy in transportation electrification
- Impact of electric transport on the green-energy-based power systems
- Analysis and discussions for transportation decarbonization pathways
- Power-to-hydrogen-based electrification solutions for the transportation sector
- Emission and environment impact of transportation electrification
- Energy storage systems promoting green mobility
- Vehicle-to-X and X-to-vehicle systems
- Machine learning in power systems

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### Guest Editors

Dr. Mingfei Ban  
Dr. Zhongkai Yi  
Dr. Xu Wang

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### Deadline for manuscript submissions

closed (11 September 2024)



## Energies

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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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### Editor-in-Chief

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