



Power Interaction Control Methods among Main Grid, Charging Station and Electric Vehicles

Guest Editors:

Prof. Dr. Qiuye Sun

School of Information Science and Engineering, Northeastern University, Shenyang 110819, China

Dr. Rui Wang

College of Information Science and Engineering, Northeastern University, Shenyang 110819, China

Dr. Zhengmao Li

School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

Deadline for manuscript submissions:

20 November 2024



mdpi.com/si/152415

Message from the Guest Editors

Energy and the environment are important guarantees for the development of the world economy, but the fossil energy crisis and environmental pollution problems such as haze are becoming more and more serious. These are concerns for various countries and governments, while the rapid increase of car ownership leads to increased energy consumption and further environmental pollution problems. New energy vehicles represented by electric vehicles, on the other hand, are one way to effectively address environmental pollution and fossil energy consumption.

This research project will bring together researchers from different fields and specialties to help address these important issue. Topics of interest include, but are not limited to, the following:

- Charging methods of electric vehicles
- Vehicle–station–grid interaction control for electric vehicles
- The power interaction control between the main grid and electric vehicles
- The power interaction between the grid and vehicle stations
- The power interaction between the vehicle station and electric vehicles
- The power interaction between electric vehicles



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)