Special Issue

Artificial Intelligence Applied in Smart Electric Vehicles: Towards Eco-Driving for Improved Energy Economy

Message from the Guest Editors

To inspire novel AI-based applications in smart EVs towards eco-driving, this Special Issue will seek fantastic solutions among high-quality submissions. The suggested topics include, but are not limited to:

- AI-based control strategies for pure EVs, HEVs, PHEVs, FCVs;
- AI-based multi-scale energy management in EVs, e.g. energy management problems in energy storage systems (battery state estimation, battery degradation prediction), powertrains, and vehicle dynamics;
- AI-based eco-driving assistant systems for pure EVs, HEVs, PHEVs, FCVs;
- AI-based control strategies in automatic driving with target to improve energy economy;
- AI-based vehicle-environment co-operation schemes for eco-driving in pure EVs, HEVs, PHEVs, FCVs;
- AI-based human-vehicle co-operation schemes for eco-driving in pure EVs, HEVs, PHEVs, FCVs;
- AI-based EV fleet control methods for eco-driving.

Welcome to contribute to our Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2022)

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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

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