

Special Issue

Advanced Research in Automatic Driving for Electric Vehicles

Message from the Guest Editors

Dear Colleagues Despite the rapid development of autonomous driving technology, there is still a problem of frequent accidents in autonomous driving. Moreover, the large-scale adoption of autonomous vehicles is still out of reach. What is the bottleneck in this? What is the effective solution to ensure the safety and commercial landing of autonomous driving? Is it an effective solution to continuously upgrade artificial intelligence technology and perception equipment to make autonomous vehicles more intelligent? Is it an effective solution to develop intelligent vehicle infrastructure cooperative systems and updated autonomous driving by integrating communication, perception and computing? This Special Issue aims to discuss safe and reliable autonomous driving technology and promote the development of autonomous driving technology.

- Intelligent vehicle infrastructure cooperative technology
- Internet of vehicle technology for autonomous driving
- The application of machine learning in autonomous driving
- The application of blockchain in autonomous driving
- Safety technology for autonomous driving safety
- Multi-source data fusion
- Traffic situation awareness technology

Guest Editors

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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 guestedited by leading experts in selected topics of interest.

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