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10th Anniversary of Electronics: Related Researches in Electrical and Autonomous Vehicles

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Deadline for manuscript submissions:

closed (31 March 2022)



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Message from the Guest Editors

This Special Issue encourages further research and development on power electronics for electric vehicles, power and energy management strategies, self-driving cars, charging stations and their integration with both the grid and renewable sources. Scholars, academic scientists, researchers, Ph.D. students, and professional groups are invited to submit original contributions and/or review papers.

Topics of interest include, but are not limited to:

- Electric vehicle chargers (on-board, off-board, and wireless power transfer)
- Converters for electric drives and power trains
- Battery management systems
- New battery technologies
- Power supplies for auxiliary systems
- Power and energy management strategies
- Self-driving cars/Autonomous driving/vehicles
- Artificial intelligence applications for vehicles and traffic
- Electric vehicles and smart cities/smart grids/smart homes
- Vehicle-to-grid (V2G), vehicle-to-home (V2H), vehicle-to-everything (V2X)

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Special Issue



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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.

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