Special Issue

Advances in Energy Conversion System

Message from the Guest Editors

This Special Issue aims at attracting original high-quality papers and review articles focused on alkaline and PEM electrolyzer technologies and their power electronics related to their aging, control, diagnosis, modeling, and reliability.Prospective authors may submit contributions dealing with (but not limited to) the following:

- Modeling of alkaline and PEM electrolyzers;
- Fault diagnosis in alkaline and PEM electrolyzers;
- Development of mitigation strategies to optimize the operation of alkaline and PEM electrolyzers;
- Investigation of the degradation of alkaline and PEM electrolyzers under dynamic and start/stop operations;
- Impact of power electronics on the operation of alkaline and PEM electrolyzers;
- Aging study on alkaline and PEM electrolyzers;
- Control of power electronics to supply alkaline and PEM electrolyzers;
- Fault diagnosis and fault-tolerant control of power electronics;
- Reliability of electrolyzers and power electronics.

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Deadline for manuscript submissions

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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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