

Special Issue

Photovoltaic Energy Systems and Storage

Message from the Guest Editor

This Special Issue of *Electronics* is focused on photovoltaic energy systems and storage, for both grid-connected and stand-alone system operation. The main topics of interest for this issue include, but are not limited to:

- Novel scalable PV technologies
- PV system monitoring and optimization
- PV energy management
- Scalable system design incorporating energy storage
- Energy storage opportunities, technologies and management
- Battery storage systems
- Grid defection strategies using PV systems
- PV systems from micro-scale to utility scale
- Concentrator PV systems
- Building integrated photovoltaics and applications
- Feasibility and comparison between existing and emerging PV technologies
- Hybrid energy systems design
- Modelling and simulation of PV energy systems
- PV and energy systems reliability, degradation and failure prediction

Welcome to contribute!

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2021)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).