Special Issue

Recent Advances in Integrated Photovoltaics Systems: Materials, Devices and Applications

Message from the Guest Editors

Recently, the rapidly growing demand for energy has observed a paradigm shift towards the development of eco-friendly renewable energy sources to replace exhaustible fossil fuels that have a detrimental impact on the environment. Among various renewable technologies, an integrated photovoltaic (PV) system has shown strong potential as a sustainable and economical energy source. Based on advancements in material synthesis, device engineering, and theoretical examination, efficient and stable photovoltaic systems have been developed. This Special Issue intends to bring together high-quality papers focused on the recent developments in renewable energy devices. We believe that your contribution in the form of regular articles or comprehensive reviews would be a perfect addition to this Special Issue. This Special Issue will accommodate the following potential topics (but is not limited to them):

- energy harvesting devices;
- photovoltaic materials;
- renewable energy systems;
- luminescent solar concentrators;
- maximum power point tracking;
- optoelectronic and morphological properties;
- building integrated photovoltaic systems;
- ...

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

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