



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

Guest Editors:

Dr. Muhammad Ahsan Saeed

School of Electrical Engineering,
Korea University, Seoul 02841,
Republic of Korea

Dr. Muhammad Mahmood Ali

Department of Computing and
Electronic Engineering, Faculty of
Engineering and Design, Institute
of Technology Sligo, Ash Ln,
Bellanode, Sligo F91 YW50,
Ireland

Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editors

Dear Colleagues,

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;
- ...





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPus / SciFinder](#), [Inspec](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)