





an Open Access Journal by MDPI

Nanostructured Photovoltaic Devices

Guest Editor:

Dr. Ruxandra Vidu

- Electrical Engineering and
 Computer Science, University of
 California Davis, Davis, CA 95616,
 USA
- 2. Faculty of Material Sciences and Engineering, Politehnica University of Bucharest, 060042 Bucharest, Romania

Deadline for manuscript submissions:

closed (31 August 2019)

Message from the Guest Editor

Nanostructured photovoltaics have already proven rapid developments and are marked to revolutionize our everyday life. The exciting developments in the field of the light trapping features of nanostructures and solar cell nano-engineered architecture present challenges with unique opportunities to explore new ideas regarding nanostructure integration into photovoltaics.

In this Special Issue of *Micromachines* we invite contributions on the latest developments on nanostructured photovoltaics with improved efficiency from all types of solar cells employing nanostructures, low dimensionality features and emerging technologies in nano-integration. We would like to open the discussions for future directions and challenges in the development of nanostructured photovoltaic devices.













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ai-Qun Liu

1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China 2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

Author Benefits

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

 $\textbf{High Visibility:} \ indexed \ within \ Scopus, \ SCIE \ (Web \ of \ Science), \ PubMed,$

PMC, Ei Compendex, dblp, and other databases.

Journal Rank: JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Mechanical Engineering)

Contact Us