



solar

an Open Access Journal by MDPI



Nanotechnology in Photo-Triggered Processes

Guest Editor:

**Dr. Konstantinos
Christoforidis**

Department of Environmental
Engineering, Democritus
University of Thrace, 67100
Xanthi, Greece

Deadline for manuscript
submissions:

closed (29 December 2023)

Message from the Guest Editor

The Special Issue is focused on the development of novel photoactive nanomaterials and on studies elucidating fundamental mechanistic aspects. Contributions of original research articles both in fundamental and applied sciences as well as reviews, mini-reviews, and perspectives are welcome. Some suggested topics are given below.

- New photoactive materials;
- Photocatalysis;
- Photoelectrocatalysis;
- Sensors;
- Hydrogen production;
- Co₂ reduction;
- N₂ activation;
- Environmental pollution;
- H₂O₂ production;
- Water and air contamination;
- Antimicrobial activity;
- Organic chemical synthesis;
- Reactors design/fabrication;
- New testing methods;
- Reaction mechanism;
- Computational studies.



mdpi.com/si/92288

Special *Issue*



solar



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Jürgen Heinz Werner

Institute for Photovoltaics and
Research Center SCoPE,
University of Stuttgart, 70569
Stuttgart, Germany

Message from the Editor-in-Chief

Solaris is a new international, open access journal for solar technologies. Climate change is real! Therefore, fast and wide-spread application of solar technologies is of utmost importance. Consequently, *Solaris* aims to publish articles which make a real, influential, and often cited contribution not only to basic research and development, but also to the application of photovoltaics as well as to solar thermal conversion. In addition, articles discussing the politics, economy, environmental, and social issues of solar technologies are also welcome. We encourage authors to submit high-quality original articles, letters, and review articles. Our editorial and technical team guarantees a high-quality, fast reviewing process, fast publication, and promotion. With your articles, our journal will rank among the best soon!

Author Benefits

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

High Visibility: indexed within **ESCI (Web of Science)**, **Scopus** and **other databases**.

Journal Rank: CiteScore - Q2 (Environmental Science (miscellaneous))

Contact Us

Solar Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/solar
solar@mdpi.com
[X@MdipiSolar](https://twitter.com/MdipiSolar)