



an Open Access Journal by MDPI

## Contributions of Women in the Photocatalysis Field

Guest Editors:

### Dr. Carolina Belver

Departamento de Ingeniería  
Química, Universidad Autónoma  
de Madrid, Cantoblanco, 28049  
Madrid, Spain

### Dr. Maria José Fernandes Sampaio

Laboratory of Separation and  
Reaction Engineering -  
Laboratory of Catalysis and  
Materials (Associate Laboratory  
LSRE-LCM), Department of  
Chemical Engineering, Faculdade  
de Engenharia da Universidade  
do Porto (FEUP), Rua Dr. Roberto  
Frias s/n, 4200-465 Porto,  
Portugal

Deadline for manuscript  
submissions:  
**closed (31 October 2022)**

### Message from the Guest Editors

Heterogeneous photocatalysis has focused on the development of optical semiconductors for applications, such as water/wastewater treatments and solar fuel production. This Special Issue seeks to highlight the research achieved by female scientists as the co-authors (including the first and corresponding author), increasing their visibility in the wider photocatalysis community. Authors with expertise in the use of optical semiconductor derivatives for photo-induced technologies, ranging from environmental remediation to solar fuel production, among others, are cordially invited to submit their manuscripts to this Special Issue of the *Applied Sciences* Journal. Significant full papers and review articles are welcome. The topics of the Special Issue will cover various aspects of photocatalysis in all of its diversity, as well as other areas on the boundaries, such as materials science and engineering and nanotechnology.

- photocatalysis
- optical semiconductors
- metal–organic frameworks (MOFs)
- photocatalytic materials
- water and air treatment
- artificial photosynthesis
- photocatalytic water splitting
- photoelectrochemistry
- photocatalytic reaction engineering



[mdpi.com/si/92891](https://mdpi.com/si/92891)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## 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), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)