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## Nanotechnology in Photo-Triggered Processes

Guest Editor:

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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;
- CO<sub>2</sub> reduction;
- N<sub>2</sub> activation;
- Environmental pollution;
- H<sub>2</sub>O<sub>2</sub> production;
- Water and air contamination;
- Antimicrobial activity;
- Organic chemical synthesis;
- Reactors design/fabrication;
- New testing methods;
- Reaction mechanism;
- Computational studies.



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# Special Issue