



## Heterogeneous Photocatalysts Based on Nanocomposites

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Deadline for manuscript  
submissions:

**closed (31 May 2025)**

### Message from the Guest Editors

Heterogeneous photocatalysts that are based on nanocomposites have gained significant attention in recent years due to their potential applications in various fields, such as environmental remediation, solar energy conversion, and water purification. The combination of different nanomaterials can create heterojunctions that enhance the photocatalytic properties of the composite and promote the separation of photoinduced charge carriers.

Nanocomposites-based photocatalysts can be synthesized using different methods, and their properties can be modified by adjusting the synthesis parameters, such as the nanoparticle size, shape, surface area, and composition. Overall, heterogeneous photocatalysts based on nanocomposites have numerous benefits, including easy synthesis, tunable characteristics, and excellent photocatalytic performance. They have great potential to be used in various fields for solving environmental and energy-related issues.

This special issue welcomes submissions of original research-based articles and reviews that describe the manufacturing process, analytical description, and applications of photocatalysts based on nanocomposites.





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## Message from the Editor-in-Chief

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