



Photocatalytic Materials and Photocatalytic Reactions

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Message from the Guest Editor

Dear Colleagues,

Photocatalysis as one of the most promising strategies to address the severe issues of environment and energy has attracted extensive and ongoing attention. Designing advanced photocatalytic materials with expected performance and exploring green photocatalytic reactions with carbon neutrality are significant for sustainability. Low-dimensional nanomaterial is a rising star in photocatalysis due to the unique and fascinating properties of materials such as inorganic nonmetallic materials, MOFs, LSPR materials, various nanocomposites, etc. This Special Issue focuses on designing advanced photocatalysts, understanding their structure-dependent properties, and seeking to exploit them in the fields of energy conversion, pollutant degradation, artificial photosynthesis, organic synthesis, etc.

Prof. Dr. Sugang Meng
Guest Editor





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Message from the Editor-in-Chief

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