



## Artificial Photosynthesis: Recent Progress in Solar Energy Utilization

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### Message from the Guest Editors

Dear Colleagues,

Solar energy constitutes an alternative and sustainable energy source. Realizing an efficient method for converting sunlight into chemical energy is a key step towards large-scale solar energy utilization. For several decades, the natural photosynthetic system has been a source of inspiration for the development of artificial systems that are able to harness sunlight and store the energy in chemical bonds. Artificial photosynthesis is currently a topic of intense interest with the aim of producing carbon-neutral fuels through light-driven water splitting. In this Special Issue, recent achievements in water oxidation, hydrogen production and CO<sub>2</sub> reduction using heterogeneous and homogeneous catalysts will be highlighted.

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## Message from the Editor-in-Chief

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