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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 largescale 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 carbonneutral fuels through light-driven water splitting. In this Special Issue, recent achievements in water oxidation, reduction hydrogen production and CO₂ using heterogeneous and homogeneous catalysts will be highlighted.

Prof. Dr. Björn Åkermark Dr. Eric V. Johnston Dr. Markus D. Kärkäs *Guest Editors*













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Message from the Editor-in-Chief

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