



materials



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Advanced Photocatalytic Materials for Environmental and Energy Applications

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Message from the Guest Editors

With the development of modern society, environmental pollution and energy shortage have become the focus of world attention. A majority of the global energy supplies are generated from fossil fuel, which gives rise to environmental pollution and climate change. Photocatalysis technology, which can directly convert solar energy into high value-added fuel and chemical materials or degrade a wide range of organic pollutants into easily degradable intermediates or less toxic small molecular substances, is regarded as one of the most important ways to solve the global energy shortage and environmental pollution problem.

This Special Issue focuses on advanced photocatalytic materials, including but not limited to photocatalytic materials for water splitting, CO₂ reduction, ammonia synthesis, H₂O₂ synthesis, pollutant degradation, organic synthesis, etc. We welcome colleagues worldwide who are working in the field of photocatalysis to publish papers in this Special Issue.



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Special issue



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Message from the Editor-in-Chief

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