Special Issue

Advanced Functional Materials for Photo/Electro-Catalysts for Environmental and Energy Applications

Message from the Guest Editors

The aim of the Special Issue is to establish sustainable advanced materials to address the water, atmospheric pollution and energy issues. As described in the Sustainable Development Goals (SDG6), sustainable water and sanitation are becoming increasingly more important in society, and atmospheric CO2 emission, which causes climate change, global warming, and rising sea levels, represents another important issue. As per the Paris agreement, the global warming rate must be kept under 2 °C or lower than that related to pre-industrial level. It is thus urgent to develop innovative advanced materials with broad energy and environmental applications. This Special Issue covers durable innovative inorganic materials, organic materials, organic/inorganic hybrid materials and advanced functional materials for sustainable water, environmental remediation, solar utilization, and conversion into solar fuels. Papers on electrocatalytic water splitting, CO2 reduction and fuels, and photo(electro)catalytic solar fuels are also welcome. Dr. Karthikeyan Sekar

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Editor-in-Chief

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