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Advanced Catalysis for Green Fuel Synthesis and Energy Conversion, 2nd Edition

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Message from the Guest Editors

The considerable growth in the demand for energy and limited fossil fuel resources, together with environmental concerns, are major threats to the sustainable development of human beings. The utilization of green energy resources is considered to be a promising solution to this challenge. Catalysis plays a crucial role in the production of clean energy and its processes. Advances in low-cost, efficient, and eco-friendly catalysts are more important than ever.

This Special Issue, entitled “Advanced Catalysis for Green Fuel Synthesis and Energy Conversion, 2nd Edition”, will mainly comprise research on the state of the art of novel nanoscale functional materials and aims to provide an in-depth understanding of advanced catalysis for green fuel synthesis and next-generation energy conversion applications. All studies (experimental and theoretical) within the scope of this Special Issue, including original research and review articles, short communications, and perspective articles, are welcome for submission.