

Special Issue

Energy Storage and Catalysis

Message from the Guest Editors

With increasing global energy demand and the urgent need to reduce environmental impact, developing efficient and sustainable energy technologies is crucial. Energy storage and catalysis are key to enabling clean energy conversion, improving storage efficiency, and supporting a low-carbon future. This Special Issue focuses on recent advances in materials and systems that integrate catalytic and energy storage functions. We welcome original research and review articles on topics such as electrocatalysis for water splitting, fuel cells, and CO₂ reduction; advanced battery materials for lithium-, sodium-, and solid-state batteries; innovative inorganic materials for energy applications; hydrogen technologies; and phase change energy storage systems. This Special Issue aims to bridge fundamental understanding and practical applications in energy storage and catalysis. Researchers in related fields are invited to contribute their work and insights. We invite experts to submit high-quality original research articles and comprehensive reviews to this Special Issue of *Catalysts*.

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