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## High-Performance Water Oxidation Electrocatalysts: Synthesis and Application

Guest Editors:

## Dr. Arumugam Sivanantham

Department of Materials Science and Engineering, Engineering Research Institute, Suwon 16499, Korea

## Dr. Jeyaraj Vinoth Kumar

Department of Mechanical Engineering, Chosun University, Gwangju, Korea

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## Message from the Guest Editors

Electrocatalytic water splitting has now been accepted as one of the large-scale indirect mediums of energy storage in the form of chemical fuels such as H<sub>2</sub> and O<sub>2</sub>.

Most researchers focus on non-noble nanostructured materials with distinct grain boundary and high surface area to fulfill the need of efficient water oxidation electrocatalysts. Recently, non-precious electrocatalysts including metal hydroxides, layered double hydroxides, phosphides, chalcogenides, and high-entropy alloys have been the trending materials.

Therefore, this Special Issue(SI) focuses on the state of the art in "High-Performance Water Oxidation Electrocatalysts: Synthesis and Application". Research outcomes focusing on water oxidation electrocatalyst synthesis, fundamental approaches used to understand the active sites, new mechanisms of exploration, and advanced in-situ/ex-situ characterizations, including applications in technologicaland industrial-scale development of water oxidation in the field of water splitting are of prime importance to this SI.



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