



Electrocatalytic Water-Splitting

Guest Editor:

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Message from the Guest Editor

Electrochemical water splitting to generate hydrogen and oxygen fuels provides eco-friendly energy sources for fuel cell technology. The main focus of this Special Issue on “Electrocatalytic Water Splitting” will be on water oxidation catalysis and hydrogen evolution. We invite researchers to contribute original research papers and reviews related to the design, synthesis, and characterization of electrocatalysts, including 2D materials, MOFs, carbon-based, etc., and studies of activity, catalytic active center, electrochemical stability, mechanisms, and computational chemistry.

The main topics include, but are not limited to:

- Electrocatalysts for water splitting;
- Electrocatalysts for oxygen evolution reaction;
- Electrocatalysts for hydrogen evolution reaction;
- High-performance electrocatalysts for water splitting;
- Computational screening of electrocatalysts for water splitting.

