Special Issue

Electrocatalysts for Sustainable Energy

Message from the Guest Editor

Life expectancy has more than doubled, most human-related activities have dramatically improved with respect to security and comfort. Unfortunately, despite the enormous benefits to modern civilization, the adopted production scheme, and consumption patterns are mostly based on non-recycled sources of energy. In addition to carbon dioxide, sustainable energy concept: Methane, methanol, carbon monoxide, and formic acid can all be used directly either as fuels or as storage media. This Special Issue aims to cover the most recent progress and the advances in the field of electrocatalysts for sustainable energy. This includes, but is not limited to, non-precious electrocatalysts for alcohol oxidation, oxygen reduction reaction and electrolyte reduction.

Guest Editor

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