Special Issue

Rational Design of Advanced Catalysts for Oxygen Reduction Reaction (ORR) and Hydrogen Oxidation Reaction (HOR)

Message from the Guest Editors

Fuel cells are expected to be clean energy devices that can help address energy and environmental problems. To accelerate the sluggish oxygen reduction reaction (ORR) and hydrogen oxidation reaction (HOR), electrocatalysts are commonly used to reduce their kinetic energy barriers and to improve energy conversion efficiency. Even though great efforts have been devoted to developing efficient fuel cell electrocatalysts, further investigations into the design and optimization of these catalysts are urgently needed. This Special Issue will focus on the rational design of advanced catalysts for oxygen reduction and hydrogen oxidation reactions.

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