Special Issue

Recent Advances in Nanotechnology and Nanomaterials

Message from the Guest Editors

The advances of nanotechnology and discovery of nanomaterials have greatly benefited science and engineering. For instance, nanomaterials greatly enhance the solar cell efficiency, and nanomaterial catalysts significantly improves water splitting for green hydrogen production. Nanotechnology enriches the toolbox for study of new physics and chemistry. For instance, nanotechnology drastically accelerates the investigation of redox reaction mechanisms involved in supercapacitors, electrolysis etc. Accordingly, this Special Issue aims to collect research papers, communications, and reviews to showcase the significant roles of nanotechnologies and nanomaterials in both physics the chemistry, e.g., but not limited to, plasmonic, optoelectronic devices, solar cells and energy conversion/storage. Prof. Dr. Hong Li
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