Special Issue

Carbon-Based Materials for Energy Storage and Water Splitting Applications

Message from the Guest Editors

This special issue covers the design, synthesis, physicochemical characterization, and any electrochemical performances of any carbon materials, their composites, and modifications. Carbon materials include carbon nanotubes, carbon nano/microspheres, carbon nanofibers, graphene, fullerene, etc.). We invite authors to submit their original research work as well as review articles with major focus on carbon-based materials for energy storage and water splitting, carbon dioxide reduction, photo catalysis applications.

Keywords

- carbon materials
- electrospinning carbon nanofibers
- graphene oxide
- water splitting
- supercapacitor
- oxygen evolution reaction
- hydrogen evolution reaction

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