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Advanced Nanotechnologies for Energy Materials

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

As energy consumption and climate warming are progressively increasing, many energy conversion techniques (e.g., water electrolyzers, photo-electrolyzers, fuel cells, metal-air batteries, and CO₂/N₂ reduction) have been developed, which can mitigate the energy crisis and climate problems. Therefore, the development of new photo-electrocatalytic materials to solve these problems is urgently needed. New progress and information should be organized and shared promptly with the international community, which will effectively promote the rapid development of related research. Therefore, we are looking forward to receiving your latest unpublished original research results on the application of nanomaterials in energy conversion and environmental treatment. I extend my warm invitation for research papers from a broad range of topics related to nanomaterials aiming at future energy resources, low-emission energy conversion, energy storage, energy efficiency, air emission control, air monitoring, air cleaning, and many other related applications.

Prof. Dr. Wenxian Li

Guest Editor



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