

## Special Issue

# Advanced Nanotechnologies for Energy Materials

### Message from the Guest Editor

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 CO<sub>2</sub>/N<sub>2</sub> 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 Therefore, we are looking forward to receiving your latest unpublished original research results on the application of nanomaterials in energy conversion and environmental treatment.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.

### Guest Editor

Prof. Dr. Wenxian Li

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### Deadline for manuscript submissions

closed (10 December 2022)



## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

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