

Special Issue

Recent Advances in Energy Storage Materials

Message from the Guest Editor

Electrochemical energy storage devices have attracted recent attention due to the rapid development of electric vehicles, consumer electronics, and energy storage power stations, among other advancements. In addition to large-scale commercial lithium-ion batteries, other batteries, such as sodium-ion batteries, have entered the commercial stage. To achieve improved performance, lower cost, and higher security in batteries, high-performance energy storage materials, including anode and cathode materials, must be developed. This Special Issue, with the aim of stimulating scientific research and industry development, will provide an overview of the latest advances of electrode materials in various electrochemical battery systems, including lithium-ion batteries, sodium-ion batteries, aqueous zinc-ion batteries, and so on. We look forward to papers presenting novel electrode materials or methods, research on the modification of existing materials, and studies on electrochemical energy storage electrode materials.

Guest Editor

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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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