Special Issue

Advanced Materials for Energy and Environmental Applications

Message from the Guest Editor

Advanced materials for energy and environmental applications (such as rapid heating, anti-fouling/anti-virus surface, chemical sensor, electromagnetic interference shielding, fuel cell, and lithium-ion batteries) have been extensively investgated in the academic and industrial fields. The advent of cabon-based nano-materials (carbon nanotubes, graphene and carbon black) and inonganic nano-materials (Ag wire/particles, Cu mesh, and transition metal dichalcogenide) has accelerated research interest in energy and environmental applications. This Special Issue is focused on the emerging concept and improvement of energy and environmental basic research, as well as in the characterization of micro/nano structures of novel energy and environmental base materials. It is our pleasure to invite you to submit a manuscript to this Special Issue. Full papers, short communications, and reviews will be greatly appreciated. Prof. Sunghoon Park

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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