

Special Issue

Advanced Nanomaterials and Nanocomposites for Energy Conversion

Message from the Guest Editors

Dear Colleagues The rapid growth of the global population has significantly increased energy consumption and pressure on the environment. New materials with intriguing physical and chemical properties provide opportunities to address these challenges. Nanomaterials and nanocomposites have wide application potentials in energy applications, and the research in this area is developing fast, including the synthesis of nanomaterials, design of micro-structured materials, and their applications in energy areas (energy production, energy conversion, energy storage, etc.). The field is rapidly advancing into new areas of discovery. It is my pleasure to invite you to submit a manuscript to this Special Issue. Full papers, communications, and reviews are all welcome.

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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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