Special Issue

Preparation and Application of Environmental Functional Materials

Message from the Guest Editor

This Special Issue aims to introduce the latest development of preparation and application of environmental functional materials. The focus is on the emerging trends of technological development and theoretical research of environmental functional materials. Original articles and review articles will deal with the following themes, without being limited to them: innovative environmental photocatalytic catalytic materials, high-performance environmental electrocatalytic materials, environmental remediation material, and novel environmental adsorption materials, including preparation processing and characterization, microstructure evaluation, physical and structural characterization and testing, optimization of properties and processes, theoretical calculations, and new application of environmental functional materials. Contributions on multiscale composites, advanced manufacturing processes, and novel applications are also encouraged. Research on life cycle assessment and the durability of these environmental functional materials is also welcome.

Guest Editor

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Deadline for manuscript submissions

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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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