Special Issue

Advances in Mineral Functional Materials

Message from the Guest Editors

Mineral functional materials are widely used in fields including catalysis, solar energy conversion, energy storage, environmental protection, construction, and so on, due to their versatile performances. For example, clay-mineral-based materials can serve as catalysts in chemical reactions, and zeolites can be utilized for gas separation and storage. Research in this area focuses on the synthesis, characterization, property, and applicability optimization of these mineral functional materials. This Special Issue will provide the current research advances in innovative functional mineral materials. We welcome results on the unique properties of nonmetallic mineral functional materials, synthetic and functionalized mineral materials, new energy mineral functional materials, functional materials for biology and health, functional materials for humidity and heat environment control, and their expected applications.

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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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