

Special Issue

Advancement of Functionalized Mineral Materials and Rock

Message from the Guest Editors

Mineral materials have always been the most widely used materials in human society, and they have an important role in the military, aerospace, electronics, and environmental protection. The development of mineral materials has always followed a theme of functionalization. Functionalization is inevitably the future trend of mineral materials and is also the goal of mineral material processing technology. The key to the functionalization of mineral materials is to meet the needs of applications and to develop new markets or applications according to the requirements of new industrial development and social progress. Therefore, it is necessary to actively develop and use functional mineral materials for energy saving and fire prevention, filling and coating, environmental protection, energy storage, heat preservation, etc. The scope of this Special Issue is to collect original fundamental and applied research from experimental, theoretical, computational, and case studies that contribute to the understanding of advances in functionalized mineral materials and rocks. It is my pleasure to invite you to submit a manuscript to this Special Issue.

Guest Editors

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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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