

Special Issue

Study on Advanced Cement-Based Materials and Their Applications

Message from the Guest Editor

Cement-based materials are widely used in the construction industry and other industrial or infrastructure applications. New construction works and production technologies require specific properties of cement-based mortars or concrete in fresh and hardened state and high durability in severe operating conditions. The modification, including nanomodification, of ordinary cements and application of advanced technologies in civil engineering is very interesting and important from a scientific, engineering, and environment protection point of view. This new issue is proposed and organized to present recent developments in the field of advanced cement-based materials and their applications in civil engineering. It is my pleasure to invite you to submit a manuscript to this Special Issue mainly focused on advanced cement-based materials and their applications.

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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