

Special Issue

Preparation and Properties of New Cementitious Materials

Message from the Guest Editor

Cement is the second most used material on Earth after water. The cement industry is one of the major producers of greenhouse gas emissions and is responsible for at least 5% of global greenhouse gas emissions. Moreover, due to the rapid population growth, the construction of infrastructures is booming significantly. To keep up with this demand, the cement and construction industries continuously mine valuable materials resources. Therefore, to reserve scarce natural resources and cut down on carbon emissions, new cementitious materials and binders have been recently developed and evaluated for various applications. This Special Issue focuses on novel and fundamental research that paves the way toward developing new cementitious materials and binders.

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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