Special Issue

Nanotechnology for Cement Composite Materials

Message from the Guest Editor

In recent years, technological progress has meant that the possibilities of modifying materials on the macro- and micro-levels are slowly being exhausted. To further improve the properties and durability of cement composite materials, the structure is modified at the nano-level. Nanotechnology and nano-modifications are a dynamically developing branch not only in concrete technology, but also for virtually all materials used in the construction industry and more. Nano-modifications of cement composite materials lead to several benefits. Unfortunately, cement material nanotechnology also brings a series of challenges and problems that are not yet fully recognized. Therefore, collecting knowledge in this field seems perfectly appropriate. The present Special Issue aims to publish original research papers, which contribute to knowledge on any aspect related to nanotechnology for cement composite materials.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/77002

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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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