



Nanotechnology for Cement Composite Materials

Guest Editor:

Dr. Maciej Szeląg

Faculty of Civil Engineering and
Architecture, Lublin University of
Technology, 38D Nadbystrzycka
Street, 20-618 Lublin, Poland

Deadline for manuscript
submissions:

closed (28 February 2022)

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.

Dr. Maciej Szeląg
Guest Editor





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

Message from the Editorial Board

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)