Special Issue

Testing of Cement-Based Materials

Message from the Guest Editor

Concrete is the most consumed engineering material and has been used for more than 100 years. The application of the standard test methods is important for its quallity control and performance evaluation.
Advances in cement-based materials (e.g., high-performance concrete; high-strength concrete; self-consolidating concrete; fiber-reinforced cementitious composites; pervious concrete; low carbon concrete; and others) have brought the development of novel test methods to evalute their enhanced performances and material characterization. The test results and analysis for the new cement-based materials are also of interest in accompany with the test methods.
On the other hand, the technological advancement of the material characterization allows us to deeply understand the microstructure and behavior of cement-based materials. The characterization technology includes, but is not limited to, nanotechnolgy, rheological evaluation, nondstructive testing, and the multiphysics apporach. The field is rapidly advancing into new areas of discovery.
It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcomed.

Guest Editor

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Deadline for manuscript submissions

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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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