

Special Issue

3D Printing Techniques in Construction Materials

Message from the Guest Editors

This Special Issue of *Materials* focuses on construction materials suitable for 3D printing. Potential paper topics can deal with many aspects related to printable waste solid cementitious composites, functional concrete, high-performance concrete, fiber reinforced concrete, etc. In addition, this Special Issue is expected to provide a collection of articles showing novel 3D printing methodology comprising shotcrete methodology, reinforcement methodology, novel extrusion-based method, particle-based methods, and other new technologies in 3D printing. In addition, the case study, rheological investigations, mechanical performance, structural designs, and review papers of recent advances in the field of digital fabrication are also welcome. **Keywords:**

- intelligent fabrication
- 3D printing technology
- printable mixtures
- waste solid cementitious composite
- functional printable concrete
- rheological investigations
- advanced methodology
- mechanical performance
- structural designs

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About the Journal

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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