Special Issue

Research on Mechanical Properties of Construction Materials

Message from the Guest Editors

Construction materials represent a wide range of engineering materials used in the construction of various types of structures. The group of these materials consists mainly of metals and their alloys, ceramics, polymers and composites. Research on the determination of mechanical and strength properties, in the case of construction materials such as isotropic or composite materials, is a current area of interest for scientists. Conducting experimental scientific research, which allows us to determine material properties, enables further implementation of the determined parameters in numerical calculations using the finite element method. This approach provides a further opportunity to carry out experimental and numerical analyses, based on predefined material parameters.

Guest Editors

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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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