Special Issue

The Durability Characteristics of Advanced Building Materials

Message from the Guest Editor

Circular activities such as materials reuse or recycling, reduced deployment of conventional raw materials through repair and reprocessing of goods and their upcycling with an aim to extend their service life create added value and are key to making cities sustainable. Against this backdrop, societal use of composite materials with improved properties and greater durability has increased considerably. In this context, the development of advanced building materials with improved mechanical behavior that are more sustainable and have a durability that extends with time is a challenge to which we need to respond before the end of 2030.

Guest Editor

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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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