Special Issue

Manufacturing of Porous Acoustic Structures and Metamaterials

Message from the Guest Editor

The manufacturing of porous acoustic structures and metamaterials is one of the important research directions in the field of materials science. Porous acoustic structures can control the propagation of sound waves by controlling parameters such as porosity, pore size, and distribution, and thus are widely used in the field of acoustics. Metamaterials are a kind of synthetic material with a negative refractive index, super absorption, super refraction and other characteristics, which can realize the control of physical phenomena such as electromagnetic waves, acoustic waves, and light waves. With the continuous development of science and technology, it is believed that more methods and technologies will be developed to provide better material support for further applications in the fields of acoustics, optics, and electromagnetism. Therefore, *Materials* is launching a Special Issue with the theme of the "Manufacturing of Porous Acoustic Structures and Metamaterials". Experts and scholars in related fields are warmly welcome to submit high-quality research papers.

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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