Special Issue

Anisotropic Acoustic Metamaterials

Message from the Guest Editor

Following the invention of metamaterials, research trends have spread from electro-magnetic waves to other waves, including acoustic waves. Metamaterials can behave quite differently from a viewpoint of directivity, which can be partly realized by its anisotropy. We can expect both academic analysis and engineering applications when we focus on the anisotropy. We invite researchers and engineers to contribute to this Special Issue on anisotropic acoustic metamaterials, which is intended to serve as a unique multidisciplinary forum covering broad aspects of physics, engineering, and applications of acoustic metamaterials and metasurfaces. Potential topics include but are not limited to:

- Physical analysis of anisotropic acoustic metamaterials;
- Structural proposal of anisotropic acoustic metamaterials;
- Design and simulation methods of anisotropic acoustic metamaterials;
- Demonstrations of anisotropic acoustic metamaterials;
- Cloak and stealth phenomena using anisotropic acoustic metamaterials;
- New applications of anisotropic acoustic metamaterials;
- Anisotropic supersonic metamaterials.

The metamaterials described above include metasurfaces.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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