Special Issue

Recent Advances and Applications of Electromagnetic Metamaterials

Message from the Guest Editor

Electromagnetic metamaterials, human-made structures with exceptional properties not found in nature, have revolutionized the control of electromagnetic waves, enabling unprecedented applications in diverse fields. This Special Issue, "Recent Advances and Applications of Electromagnetic Metamaterials", seeks to highlight cutting-edge research and innovations in this rapidly evolving domain. Contributions are invited to explore novel designs, fabrication techniques, and theoretical breakthroughs in metamaterials, with a focus on their transformative potential in areas such as ultra-compact photonic devices, next-generation wireless communication systems, advanced sensing platforms, and energy harvesting technologies. Topics of interest include tunable and reconfigurable metamaterials, topological metamaterials, nonlinear and quantum-enhanced metamaterials, metasurfaces for wavefront manipulation, and metamaterial-inspired solutions for cloaking, imaging, and radiation control.

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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