Special Issue

Advances in Metamaterials and Metasurface

Message from the Guest Editors

Recently, metamaterials have generated significant interest due to their powerful capability for tailoring effective medium parameters. Metasurfaces, as the 2D versions of metamaterials, have attracted more attention due to their advantages of lower profile, lower loss, and easy fabrication. More importantly, they provide a concise and efficient method for manipulating amplitude, phase, polarization, and propagation of electromagnetic waves. So far, metasurfaces have shown great promises for novel applications, and a variety of intriguing devices with the specific functionality having been reported in the microwave, terahertz, visible, and even acoustic frequencies. It is expected that the development of advanced metamaterials and metasurfaces will yield unlimited opportunities in the scientific field. This Special Issue aims to bring together the most recent advances associated with the latest techniques and methods for metamaterial/metasurface design. We encourage the submissions of original research articles, perspectives, opinion articles, and reviews.

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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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