

Special Issue

Metamaterial and Metasurface Design for Microwave Applications

Message from the Guest Editors

Metamaterials and metasurfaces have attracted the interest of researchers in recent years. These concepts have many applications today but remain complex at microwaves frequencies where size and frequency bandwidth may be critical. The ability of metamaterials and metasurfaces to control the propagation of electromagnetic waves can be used to modify the polarization, the reflection, the refraction or the absorption in a microwave device. However, the implementation of these electromagnetic properties are strongly linked to the available technology and usually leads to compromises between the performance and the fabrication cost.

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Deadline for manuscript submissions

closed (20 October 2023)



Materials

an Open Access Journal
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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/67020

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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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