



materials



an Open Access Journal by MDPI

Metamaterial and Metasurface Design for Microwave Applications

Guest Editors:

Prof. Dr. Xavier Begaud

LTCl, Télécom Paris, Institut
Polytechnique de Paris, 91120
Palaiseau, France

Dr. Anne Claire Lepage

LTCl, Télécom Paris, Institut
Polytechnique de Paris, 91120
Palaiseau, France

Deadline for manuscript
submissions:

closed (20 October 2023)

Message from the Guest Editors

Dear Colleagues,

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.



mdpi.com/si/67020

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)