

Special Issue

Thermal Photonic Metamaterials

Message from the Guest Editor

The proposed Special Issue aims to bring together researchers with expertise in metamaterials and radiative energy to share their findings on various advancements and recent progress in metamaterials, specifically in the modulation and control of thermal radiative transfer. Topics of interest include, but are not limited to:

- Metamaterials for spectral, directional, and polarization control of thermal radiation;
- Metamaterials for thermo-radiative devices and thermo-photovoltaics;
- Near-field thermal-radiative transfer;
- Active tuning of emissivity;
- Modulation of thermal radiation with phase-change materials;
- Nonreciprocal thermal radiation;
- Metamaterial passive radiative cooling;
- Nonlinear metamaterials for thermal radiation.

Guest Editor

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Message from the Editorial Board

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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