Special Issue

Metasurfaces Meet Two-Dimensional Materials

Message from the Guest Editor

In the last two decades, metasurfaces and two-dimensional (2D) materials are 2 exciting fields that develop independently. Recently, these two research directions intersect, leading to novel physical phenomena and applications. For example, layered 2D materials/metasurfaces with twisted magic angles show unprecedented control over photonic and electronic band structures. Besides, combining 2D materials with metasurfaces promises exotic meta-devices with active control, strong light-matter interaction, and entangled quantum emittance. This special issue aims to highlight the latest achievements in the novel theory, design, and application of metasurfaces and 2D materials, in an attempt to conclude the development trends in this interdisciplinary field. You are invited to contribute to this Issue by submitting your original research articles or reviews. The scope of this Issue includes but is not limited to works related to nano-tailored 2D materials, metasurfaces, or both.

Guest Editor

Dr. Yao Liang
Department of Electronic Engineering, City University of Hong Kong, Kowloon Tong, Hong Kong

Deadline for manuscript submissions

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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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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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

Prof. Dr. Yuguang Ma
State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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