Special Issue

Advances in Metasurface Optics and Devices

Message from the Guest Editor

The metasurface has emerged as a promising technology with which to overcome the challenges of conventional bulk optics by offering a new method of light manipulation based on scattering from resonant nanostructures. The subwavelength-scale control of optical amplitude, phase, and polarization in a compact form allows metasurface-based optical components to be utilized in imaging, wavefront engineering, information processing, etc. The technology used to design and fabricate these devices necessitates knowledge and understanding of the relationship between their structures and optical characteristics. This Special Issue will be devoted to advances in metasurface optics and devices. Original papers and review articles related to the above-mentioned areas are cordially invited.

Guest Editor

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Deadline for manuscript submissions

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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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