Special Issue

Photonic Devices Enabled by 2D Materials

Message from the Guest Editor

Recent studies on two-dimensional (2D) materials have revealed that such atomically thin materials have unique optical properties for potential application in next-generation photonics devices. Leveraging the novel properties of 2D materials, various photonic devices have been reported, including light sources, sensors, electro-optical devices, etc. In this context, the use of 2D materials for photonic devices has been a rapidly growing research field. This Special Issue will compile recent developments in the field of photonic devices enabled by 2D materials. The articles presented in this Special Issue will cover various photonic devices enabled by 2D materials, ranging from new device concepts to practical device applications. The devices can be either fully based on 2D materials or based on traditional materials integrated with 2D materials. In this regard, it is our pleasure, as guest editors, to invite you to submit manuscripts for the Special Issue entitled *Photonic Devices Enabled by 2D Materials* in the form of research papers or review articles.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/94797

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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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