

Special Issue

Nanowire-Based Optoelectronics

Message from the Guest Editor

Semiconductor nanowires (NWs) have received increasing attention in recent years as promising nano building blocks for future highly compact optoelectronic/photonic integrated circuits due to their superior optical and electrical properties arising from their unique, one-dimensional material geometry. In this Special Issue, we cordially invite submission of manuscripts on Nanowire-based Optoelectronics. Topics may include (but are not limited to) NW material and device theory, modeling, and simulation; NW material synthesis and characterization; and NW device fabrication, characterization, and integration. Full papers, communications, and reviews are all welcome.

Guest Editor

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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