Special Issue

Photodetectors: Research Progress, Structure and Materials

Message from the Guest Editor

Photodetectors, which convert optical signals into electrical signals, have attracted notable research interest, due to their great potential for applications in information technology. Great efforts have been made to develop high-performance and functional photodetectors. Moreover, to meet the requirements of practical applications, various materials, device structures, physical effects, and micro/nano structures have been widely applied. This Special Issue, entitled Photodetectors: Research Progress, Structure and Materials, aims to cover the most recent advances in the design, materials, characterization, modeling, simulation, functions, and applications of photodetectors. Therefore, we invite you to submit manuscripts for this Special Issue. 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.

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