Special Issue

Electronic and Optical Properties of Heterostructures, Second Edition

Message from the Guest Editor

A deep understanding of the electronic and optical properties of heterostructures is becoming increasingly crucial to a wide range of applications in modern electronic, optoelectronic, spintronic, and valleytronic devices. Therefore, the selection of a proper method for characterizing these structures is very important to understanding these properties. Various heterostructures exhibit different synergistic relationships between two or more structural elements that improve their functional properties. The interplay between the fabrication parameters and their optical and electrical properties can be evaluated using several characterization methods, including, inter alia, Raman, X-ray photoelectron, photoluminescence, and capacitance spectroscopy. In this Special Issue, we aim to highlight and discuss key electronic and properties of modern heterostructures. It is my pleasure to invite you to submit a manuscript for publication in this Special Issue. Original research papers, review articles, and short communications are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2024)

Materials

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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

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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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