

Special Issue

Development of Novel Functional Materials for the Manufacture of Electronic and Optoelectronic Devices

Message from the Guest Editors

Functional materials are of rapidly growing interest, owing to their potential uses across a broad range of fundamental and applied areas of application such as in electronic and optoelectronic devices. A large variety of platforms based on functional materials have been used to demonstrate unique and useful properties that go beyond what is possible with conventional photonics and electronics. The related discoveries and techniques have stimulated wide-ranging applications in microelectronics, solar cells, spectroscopy, microscopy, biochemistry, and so forth. This Special Issue aims to provide a comprehensive overview of state-of-the-art development of novel functional materials for the manufacture of electronic and optoelectronic devices, and to stimulate new interest in this field. You are invited to contribute your original research articles or systematic topical reviews on the latest scientific and technological advances in the functional materials field. Topics covered in this collection include but are not limited to functional-materials-related nanofabrications, nanostructures, electronic and optoelectronic devices.

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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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