Special Issue

Silicon Carbide Materials: Crystal Growth, Device Processing and Functional Applications

Message from the Guest Editors

The progress recently achieved as regards crystal growth and comprehensive characterization of silicon carbide and similar materials has offered remarkable possibilities for functional application development. This Special Issue of *Materials*, entitled "Silicon Carbide Materials: Crystal Growth, Device Processing and Functional Applications", is dedicated to all aspects related to the crystal growth, material characterization, device fabrication, and applications of silicon carbide and related materials with the main aim of providing an extensive overview of the current state of the art of and future perspectives in the field. Researchers working in the field are invited to contribute. Potential topics of interest include, but are not limited to, the following:

- Crystal growth;
- Wide-band gap semiconductors;
- Material characterization;
- Device fabrication;
- SiC, GaN, Ga2O3, diamond.

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Deadline for manuscript submissions

closed (20 May 2025)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/171512

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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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