

Special Issue

Feature Papers in Materials Physics (2nd Edition)

Message from the Guest Editors

Materials physics has been one of the most vivid fields in materials research that has played a key role in shaping and advancing modern materials from both a fundamental and applied perspective. This Special Issue seeks high-quality feature papers on materials physics that provide insights into and highlight the latest progress and innovative developments in materials fabrication and processing, characterization, integration, and performance evaluation in existing and emerging technologies in diverse fields ranging from mechanics, electronics, and photonics to solar energy conversion and environmental engineering. As , we cordially invite you to submit your recent work to this Special Issue. The topics of interest include but are not limited to:

- Metals and alloys
- Ceramics and coatings
- Semiconductors
- Metal oxides
- Optical and photonic materials
- Low-dimensional materials
- Plasmonics and metamaterials
- Magnetic materials
- Superconducting and quantum materials
- Ferroelectrics, multiferroics, and magnetoelectrics
- Thermoelectrics
- Polymers etc.

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closed (20 October 2025)



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Message from the Editorial Board

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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