

## Special Issue

# Application and Theoretical Research of Perovskite Structural Materials

### Message from the Guest Editors

This Special Issue will showcase innovative research on the theoretical design, synthesis, and characterization of perovskite materials, as well as their potential application in various fields such as energy storage, catalysis, electronics, and optoelectronics. We welcome the submission of articles that delve into the theoretical understanding of these materials' properties, the development of novel synthesis methods, and the enhancement of their performance for practical applications. The aim of this Special Issue is to foster a comprehensive dialogue between material scientists, chemists, physicists, and engineers in order to promote innovation and the commercialization of perovskite materials.

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### Guest Editors

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### Deadline for manuscript submissions

20 August 2025



## Materials

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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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