

Special Issue

Ionic Liquid-Based Materials: Fundamentals and Applications

Message from the Guest Editors

Following the 8th International Conference on Ionic Liquid-Based Materials (ILMAT2025), we are pleased to announce a Special Issue dedicated to the conference proceedings. This Special Issue will feature contributions presented at ILMAT2025, while also remaining open to researchers engaged in fundamental studies or applied innovations surrounding ionic liquids and other related materials. Reflecting the interdisciplinary nature of the conference, this Special Issue will cover recent advances in structure, dynamics, thermodynamics, as well as applications of ionic liquids in materials science, energy, sustainability, and biology. We invite original research articles and focused review papers from both oral and poster presenters, with the goal of showcasing the high-quality research presented during ILMAT2025. We encourage all participants to contribute to this Special Issue and help capture the spirit and scientific excellence of ILMAT2025.

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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