

Special Issue

Advanced Thermoelectric Composite Materials: Design, Processing, and Applications

Message from the Guest Editor

We are pleased to invite you to contribute to this Special Issue, titled "Advanced Thermoelectric Composite Materials: Design, Processing, and Applications". This Special Issue aims to highlight the latest developments in thermoelectric composites, including hybrid systems, nanostructured architectures, and novel processing techniques that synergistically improve electrical conductivity, Seebeck coefficient, and phonon scattering. Contributions addressing interface engineering, doping strategies, sustainability, and device-level integration are particularly welcome.

Further, it aims to provide a focused platform for publishing original research and comprehensive reviews on thermoelectric composite materials, emphasizing the relationships between composite design, microstructure, and functional performance. Topics may include, but are not limited to, phase and interface optimization, fabrication methods (e.g., spark plasma sintering, hot pressing, additive manufacturing), transport property tuning, mechanical performance evaluation, and composite integration into devices or modules.

We look forward to receiving your contributions to this exciting Special Issue.

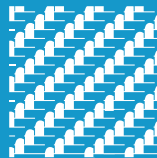
Guest Editor

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Editor-in-Chief

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