Special Issue

Development of Advanced Energy-Harvesting Materials

Message from the Guest Editors

Energy-harvesting materials are crucial for capturing and converting various forms of energy into usable electrical power. These materials encompass a wide range of technologies such as piezoelectric, triboelectric, thermoelectric, photovoltaic, and electromagnetic generators. In recent years, significant advancements have been achieved in the development of materials specifically designed for efficient energy generation.

Topics of interest include, but are not limited to, the following:

- Advances in piezoelectric, thermoelectric, photovoltaic, and electromagnetic materials;
- Novel material designs for enhanced energy-harvesting performance;
- Flexible and wearable energy-harvesting technologies;
- Integration of energy-harvesting materials into practical applications.

With this Special Issue, we aim to contribute to the growing field of advanced energy-harvesting materials. Your expertise and research efforts will play a crucial role in unlocking new possibilities and advancing the practical applications of energy-harvesting materials.

Guest Editors

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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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