

Special Issue

Advanced Materials and Devices for Energy Harvesting

Message from the Guest Editor

With the rapid development of the Internet of Things, the manner of communication has been changed by the application of various portable and wireless electronic devices and sensors.

Accordingly, a series of distinct mature technologies for energy conversion have been developed to convert environment energy into electricity, which includes electromagnetic generators, solar cells, thermoelectric generators, biofuel cells and nanogenerators.

Therefore, through this Special Issue, I am seeking your original, unpublished works that describe recent advances in energy materials and energy harvesting techniques. I also extend my warm invitation for research papers from a broad range of topics related to energy storage technique and power managing methods, self-powered sensors, air monitoring, and many other related applications. Our team will work hard towards the rapid and wide dissemination of your valuable theoretical studies, progress reviews, and novel applications.

Guest Editor

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Deadline for manuscript submissions

closed (10 March 2023)



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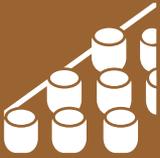


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Message from the Editorial Board

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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