

Special Issue

Smart Materials: Next Generation in Science and Technology

Message from the Guest Editors

Recent years have witnessed fascinating developments in various fields of materials science and the step-by-step transformation of scientific progress into novel technologies, which as a rule not only exhibit a substantially enhanced performance but are also friendly toward human health and the environment. This Special Issue should help to overcome these problems. It provides an opportunity to create a compendium of novel methods, which will not only boost further scientific progress but also provide restorers and artists with a useful literary overview. I cordially invite you to submit your contribution to this issue, whose topics include but are not limited to the following:

- Smart material development and application;
- Smart materials utilized as sensors and actuators with applications at any scale;
- Sensor and sensor networks for smart materials and structure applications;
- Energy harvesting systems including modeling, applications, and implementation issues;
- Structural health monitoring with applications to ground vehicles, aircraft, and civil infrastructure.

Guest Editors

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Deadline for manuscript submissions

closed (15 December 2024)



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About the Journal

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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