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Multifunction Materials, Interfaces, and Composites: Design and Applications

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Deadline for manuscript
submissions:

closed (10 November 2022)

Message from the Guest Editors

This Special Issue covers the various synthesis and fabrication routes of functional and smart materials for universal applications, such as materials science, mechanical engineering, manufacturing, metrology, nanotechnology, physics, chemical, biology, chemistry, civil engineering, energy, etc. Based on its importance, through our forum and the publication of your research, we are pleased to contribute to the exchange of opinions, discussions, and solutions that relate to the advances in multifunctional materials and composites.

We welcome high-quality research papers that present new trends in the study of manufacturing processes and materials with a sustainable approach. The Guest Editors (GEs) welcome literature reviews, research papers, and case studies that include but are not restricted to the following topics.

- Materials science and engineering;
- Materials property and characterization;
- Multifunction metals, ceramic, and composites;
- Bulk metallic glass (BMG);
- Feature engineering polymers;
- Multi-functional magnetic materials;
- Nanostructured materials;
- Active polymers, materials, and actuators;
- Smart biomaterials and bio-inspired smart materials and systems



mdpi.com/si/84435

Special Issue



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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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