

Special Issue

Fabrication and Application of Electrically Conducting Composites

Message from the Guest Editor

Electrically conducting composites are an emerging material in a dynamically developing industry nowadays. Due to the new possibilities in materials technologies which have appeared in the last few decades, such composites have found numerous applications such as in aeronautics for electromagnetic interference shielding, lightning strike protection, de-icing of structural elements, biomedical applications, sensing and actuating technologies, batteries and energy storage technologies, and many more. This Special Issue is focused on recent attempts in the development, fabrication, and application of various electrically conducting composites based on above-mentioned types of electrically conducting fillers or matrices. The submissions may include interdisciplinary studies from the borderline of materials science, chemistry, mechanics, electronics, physics, etc., as well as practical case studies related to the aforementioned thematic areas and similar ones. High-quality articles containing original research results and review articles are welcomed.

Guest Editor

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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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