

Special Issue

Advances in Electromagnetic Properties of Materials and Related Nondestructive Testing

Message from the Guest Editor

The electromagnetic (EM) properties of materials and the related nondestructive testing methods have increasingly attracted the attention. Structures are finding more and more diverse applications and creating the possibility of constructing new electromagnetic devices, especially in wave problems. This leads to the need to determine and test the electric and magnetic properties of the developed structures, and to test their continuity and detect possible inhomogeneity in a wide frequency range. This Special Issue is devoted to advances in electromagnetic properties of materials in the wide frequency range. It refers to broad topics including new structures, models, measuring concepts and systems, transducers, influence of external phenomena on electromagnetic properties, error and distortion analysis, and elimination of their sources in EM properties' estimation. This Special Issue will also focus on various methods of electromagnetic nondestructive testing. It is my pleasure to invite you to submit a manuscript to this Special Issue.

Guest Editor

Dr. Przemyslaw Lopato

Department of Electrical and Computer Engineering, West Pomeranian University of Technology, Szczecin, Poland

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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