Special Issue

Piezoelectric, Ferroelectric and Dielectric Properties of Materials and Related Applications

Message from the Guest Editors

Piezoelectric, ferroelectric, and dielectric materials have diverse functionalities that enable numerous applications, ranging from piezoelectric sensing to dielectric energy storage, which have attracted extensive research and development interests. This Special Issue includes—but is not limited to—the following areas: -Fundamentals of piezoelectric, ferroelectric, dielectric, and electrostrain properties, etc. -Property characterization and property–structure relationship studies. -Advances in processing techniques of high-performance functional materials. -New systems, including ceramics, crystals, thin/thick films, and composites. -Industrial application of piezoelectric, ferroelectric, and dielectric materials, including piezoelectric transducers/sensors, ferroelectric memory devices, electrostrictive actuators, dielectric energy storage applications, etc. -Challenges and perspectives of development.

Guest Editors

Dr. Guangzhi Dong

Prof. Dr. Zong-Yang Shen

Prof. Dr. Laijun Liu

Deadline for manuscript submissions

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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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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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