

Special Issue

X-ray Diffraction of Functional Materials

Message from the Guest Editors

Dear colleagues, This issue is dedicated to the latest advances in X-ray diffraction using both synchrotron radiation as well as laboratory sources for evaluating the microstructure and structure-to-property relation in functional materials (functional oxides, organic and hybrid materials for energy, electronics, etc.). Particular focus will be placed on novel in situ or operando approaches. Contributions addressing various materials from macroobjects to nanostructures by different techniques (powder diffraction, surface diffraction, coherent X-ray diffraction, Laue diffraction, etc.) as well as various length and time scales are welcome.

Guest Editors

Dr. Thomas Walter Cornelius

Institut Matériaux Microélectronique Nanosciences de Provence (IM2NP), CNRS UMR 7334, Aix-Marseille Université, Université de Toulon, Avenue Escadrille Normandie Niemen, 13397 Marseille, CEDEX 20, France

Dr. Souren Grigorian

Universität Siegen, Siegen, Germany

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
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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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