

Special Issue

Advances in THz Spectroscopy

Message from the Guest Editor

Dear colleagues, THz spectroscopy is still in its infancy and a rapid increase in the efficiency and quality of spectroscopy techniques will develop in the coming years. In particular, for fundamental research the interaction of high-intensity THz pulses with matter is a hot topic, which requires an extension of the theoretical models of non-linear phenomena from optical frequencies to THz ones. In this special issue, we are planning to collect a series of research studies related to THz spectroscopy. They may include experimental investigations, theoretical models and methods of data analysis for signal extraction; as well as new sources of THz radiation, detection apparatus including methods of imaging and/or characterization of THz radiation.

Guest Editor

Prof. Dr. Renato Torre

European Laboratory for Non-Linear Spectroscopy and Department of Physics and Astronomy, University of Firenze, Via Carrara 1, Sesto Fiorentino, 50019 Firenze, Italy

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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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