

## Special Issue

# Novel Techniques for Materials Characterization

### Message from the Guest Editor

The Special Issue collects original and state-of-the-art techniques used to characterize the structure and behavior of materials. Nowadays, advanced applications drive the research and development of functional materials either to increase their properties or to introduce new functionalities. This process goes hand in hand with the improvement of materials characterization methods. New approaches constantly emerge as traditional techniques are tested by demanding applications and requirements. The Special Issue invites original research articles and reviews which focus on novel materials characterization techniques connected to all forms of microscopy, (e.g. optical, scanning electron, scanning probe, transmission electron, laser-confocal, florescent, acoustic microscopy, etc.) spectroscopy (e.g. electron, X-ray, X-ray photoelectron, Raman, Fourier-transform infrared spectroscopy, etc.) diffraction based (electron, X-ray, neutron) and electrochemical methods[...] More details at [mdpi.com/si/36301](https://mdpi.com/si/36301)

### Guest Editor

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### Deadline for manuscript submissions

closed (30 September 2020)



## Materials

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## About the Journal

### Message from the Editorial Board

*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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