Special Issue

Advanced Nanoindentation in Materials

Message from the Guest Editors

This Special Issue on *Advanced Nanoindentation in Materials* will provide a forum for researchers from the academic and industrial community to present the latest advances in the field of nanoindentation and small-scale mechanical properties of materials. In addition to metal, glass, and ceramic, this issue will include manuscripts focused on biological specimens. Topics of interest include, but are not limited to, the following:

- Small scale facture
- Nanoscale plasticity and creep
- Size-dependent deformation phenomena
- Deformation of biological cells
- Mechanical properties of cellular and sub-cellular components
- Novel mechanical property characterization techniques
- New modeling methods
- Environmentally controlled nanoindentation
- In situ SEM and TEM indentation

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Deadline for manuscript submissions

closed (30 May 2017)

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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.

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