Special Issue

Advances in Magnetic Measurements

Message from the Guest Editor

Recent years and the recent century have seen an unprecedented development of magnetic measurement techniques. The scope of the discovered macroscopic effects is extensive, from simple B(H) plots of ferromagnetic materials, through magnetostriction and allied magnetomechanical phenomena, to optical Kerr and electrical Hall effects. In a micro scale, the development of measurement techniques gave rise to spintronics and so on. However, this development is far from over, with new devices being developed every year, as well as the honing of previously known techniques. Therefore, this Special Issue of *Materials* is devoted to advances in magnetic measurement techniques, be it in the form of research articles, short communications, or critical reviews of the recent developments in this interesting area. Papers with details of the new measurement procedures, hardware, and software involved are welcome, however investigations of the materials for magnetic sensors and other applications of magnetic measurements are also of interest.

Guest Editor

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Deadline for manuscript submissions

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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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