Special Issue

High Field Magnetic Resonance Methods and Materials

Message from the Guest Editor

High Field Magnetic Resonance is an ever extending field of technical and methodological development and applications. In particular the advances in magnet design and radio-frequency technology have driven the field and allowed new applications that were not deemed possible in the past. With the installation of almost 40 human 7T MR systems in the world and an even larger number of 9.4T and higher small animal MR systems a new round in the drive for higher sensitivity, resolution, and speed has opened. In this special issue we invite researchers in this field to report on recent progress and the latest developments in hardware and method development for the advancement of high field magnetic resonance.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2011)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

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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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