Special Issue

Nano Magnetic Materials

Message from the Guest Editor

Study of magnetic properties has long been one of the major topics in condensed matter physics and material sciences due to both intriguing fundamental physics issues and innovative device applications. In the past, the focus has been on the magnetic properties of bulk or macroscopic samples. However, many advanced experimental techniques make it possible to grow nanoscale magnetic materials in diverse structures. Recently, it is even reported that a two-dimensional layer structured magnetic materials can be fabricated. Now, the magnetism has once again become the forefront of modern nanotechnology and extensive research efforts in both theoretical and experimental communities have been devoted to investigate and understand the magnetic properties of nanoscale materials. In this regards, this Special Issue will cover the following topics:

Guest Editor

Prof. Jisang Hong

Department Physics, Pukyong National University, Busan 608737, Korea

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/materials

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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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