Special Issue

Advances in Nanoscale Biomaterials

Message from the Guest Editor

The design and development of multifunctional nanoscale devices able to interface with biological processes are centered in current nanotechnology. Nanomaterials based on synthetic and naturally-occurring polymers as block copolymer micelles, hydrogels, and nanogels have offered a broad choice of materials for targeted drug delivery, cellular imaging platforms, or regenerative medicine. Any topics focusing on "Polymer nanotechnology: Synthesis and Applications in Biomedical Imaging, Drug Delivery, and Tissue Engineering" will fit to this special issue entitled "Advances in Nanoscale Biomaterials".

Guest Editor

Prof. Dr. Jung Kwon (John) Oh

Department of Chemistry and Biochemistry, Concordia University, 7141 Sherbrooke St. West, SP275.09, Montreal, QC H4B 1R6, Canada

Deadline for manuscript submissions

closed (31 December 2012)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/1893

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)