

Special Issue

Nanoparticles for Biomedical Applications

Message from the Guest Editors

The use of nanoparticles for biomedical applications expands from biosensing to treatment and diagnosis, involving many aspects of the clinical routine. This Special Issue is devoted to any biomedical application where the use of nanoparticles is key, as well as to their synthesis, characterisation, and bioconjugation. Potential topics include but are not limited to the following:

- Magnetic nanoparticles as MRI probes (T1 and/or T2)
- Nanoparticles as in vitro sensors
- Hyperthermia
- Nanoparticle-based Molecular imaging
- Nanoparticle-based therapies
- New synthetic methods
- Bioconjugation of nanoparticles for biomedicine
- Protein corona and nanoparticles

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)



Materials

an Open Access Journal
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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



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About the Journal

Message from the Editorial Board

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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