







an Open Access Journal by MDPI

Janus Nanoparticles

Guest Editor:

Dr. habil. Alla Synytska

Department Polymer Interfaces, Leibniz-Institut für Polymerforschung Dresden e.V., Dresden, Germany

Deadline for manuscript submissions:

closed (1 April 2021)

Message from the Guest Editor

Dear Colleagues,

Important breakthroughs have been made in recent years regarding the synthesis, assembly, and applications of colloids with a Janus design, indicating broad interest in the topic. However, more extensive research is needed in the field of Janus particle potential applications, based on their unique asymmetric features. Therefore, this Special Issue on "Janus Nanoparticles" serves the interdisciplinary community of chemists, physicists, biologists and engineers, focusing on how newly-discovered organic—inorganic colloids with a Janus design can be further developed and used for specific applications. The following provides general guidance as to the scope of this issue:

- Energy, environmental, and catalytic applications;
- Coatings;
- Functional materials and devices;
- Organic electronic devices;
- Biological and medical applications.

I am certain of that this Special Issue on "Janus Nanoparticles" will be of strong and broad interest to diverse researchers and will offer an ideal forum for discussing and disseminating the latest findings in the proposed fields.

Sincerely,
Priv.-Doz. Dr. habil. Alla Synytska
Guest Editor













an Open Access Journal by MDPI

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, OC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and systems. 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.

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 & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us